420-7169-01

SEGA CORPORATION

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99-31007-61684

OFFICIAL
LICENSED PRODUCT

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The typefaces included herein are solely developed by DynaComware.

HUMMER

PARTS CATALOG

420-7169-01

PARTS CATALOG

HUMMER™

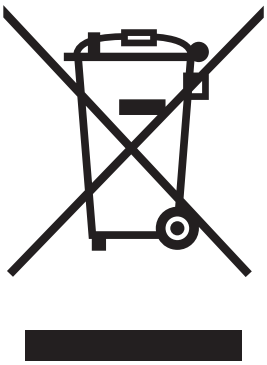
IMPORTANT

- Before using this product, read this manual carefully to understand the contents herein stated.
- After reading this manual, be sure to keep it near the product or in a convenient place for easy reference when necessary.

WEEE Statement [For Europe Only]

The WEEE (Waste of Electrical and Electronic Equipment) directive places an obligation on all EU based manufacturers and importers of Electrical and Electronic Equipment to take back products at the end of their useful life. Sega Amusements Europe Ltd accepts its responsibility to finance the cost of treatment and recovery of redundant WEEE in the United Kingdom in accordance with the specified WEEE recycling requirements.

The fllowing symbol will be on all products manufactured from 13th August 2005, which indicates this product must NOT be disposed of with other normal waste. Instead, it is the user's responsibility to dispose of their waste equipment by arranging to return it to a designated UK collection point for the correct recycling of waste electrical and electronic equipment.

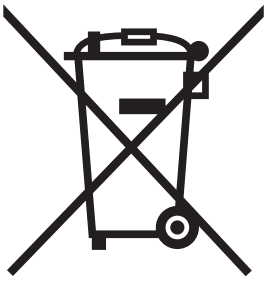


For more information about where you can send your waste equipment for recycling contact your local authority office.

Battery Recycling Statement [For Europe Only]

The EC Directive on Batteries and Accumulators (2006/66/EC) aims to minimize the impact of batteries on the environment and encourage the recovery of the materials they contain. To achieve increased collection and recycling of waste batteries, the Directive places 'producer responsibility' obligations on manufacturers and importers of portable, industrial and automotive batteries.

The following symbol will be on all equipment fitted with batteries from 26th September 2008 and indicates they must NOT be disposed of with other normal waste. Instead, it is the user's responsibility to dispose of used batteries by
arranging to return them to a designated collection point for the correct recycling of waste batteries.



For more information about where you can send your waste batteries for recycling contact your local authority office.

BEFORE USING THE PRODUCT, BE SURE TO READ THE FOLLOWING:

To maintain safety:

To ensure the safe operation of this product, be sure to read the following before usage.
The following instructions are intended for the users, operators and the personnel in charge of the operation of the product. After carefully reading and sufficiently understanding the warning displays and cautions, handle the product appropriately. Be sure to keep this manual close to the product or in a convenient place for future reference.

Herein, explanations which require special attention are enclosed with dual lines. Depending on the potentially hazardous degrees, the terms of DANGER, WARNING, CAUTION, etc. are used. Be sure to understand the contents of the displays before reading the text.

Indicates that mishandling the product by disregarding this pictograph will cause severe injury or death.

Indicates that mishandling the product by disregarding this warning will cause a potentially hazardous situation which can result in death or serious injury.

Indicates that mishandling the product by disregarding this caution will cause a slight hazardous situation which can result in personal injury and/or material damage.

For the safe usage of the product, the following pictographs are used:

Indicates "HANDLE WITH CARE." In order to protect the human body and equipment, this display is attached to places where the Owner's Manual, Serviceman Manual and/or Service Manual should be referred to.

Indicates a "Protective Earth Terminal." Before operating the equipment, be sure to connect it to the Ground.
(The step may be omitted for products in which a power cord with earth is used.)

- **Perform work in accordance with the instructions herein stated.**
  Instructions for work are explained by paying attention to the aspect of accident prevention. Failing to perform work as per the instructions can cause accidents. In the case where only those who have technical expertise should perform the work to avoid hazardous situation, the instructions herein state that the site maintenance personnel should perform such work.
- **Be sure to turn off the power before working on the machine.**
  To prevent an electric shock, be sure to turn off the power before carrying out any work that requires direct contact with the interior of the product. If the work is to be performed in the power-on status, the Instruction Manual herein always states to that effect.
- **Be sure to ground the Earth Terminal.**
  (This is not required in the case where a power cord with earth is used.)
  This product is equipped with the Earth Terminal. When installing the product, connect the Earth Terminal to the "accurately grounded indoor earth terminal" by using an earth wire. Unless the product is grounded appropriately, the user can be subject to an electric shock. After performing repair, etc. for the control equipment, ensure that the Earth Wire is firmly connected to the control equipment.
- **Ensure that the Power Supply used is equipped with an Earth Leakage Breaker.**
  This product does not incorporate the Earth Leakage Breaker. Using a power supply which is not equipped with the Earth Leakage Breaker can cause a fire when earth leakage occurs.
- **Be sure to use fuses which meet the specified rating.**
  (Only for the machines which use fuses.)
  Using fuses exceeding the specified rating can cause a fire and an electric shock.

- **Specification changes (removal of equipment, conversion and addition) not designated by SEGA are not allowed.**
  The parts of the product include warning labels for safety, covers for personal protection, etc. It is very hazardous to operate the product by removing parts and/or modifying the circuits. Should doors, lids and protective parts be damaged or lost, refrain from operating the product, and contact where the product was purchased from or the office herein stated.
  SEGA shall not be held responsible for any accidents, compensation for damage to a third party, resulting from the specifications not designated by SEGA.
- **Ensure that the product meets the requirements of appropriate Electrical Specifications.**
  Before installing the product, check for Electrical Specifications. SEGA products have a nameplate on which Electrical Specifications are described. Ensure that the product is compatible with the power supply voltage and frequency requirements of the location. Using any Electrical Specifications different from the designated Specifications can cause a fire and an electric shock.
- **Install and operate the product in places where appropriate lighting is available, allowing warning labels to be clearly read.**
  To ensure safety for the customers, labels and printed instructions describing potentially hazardous situations are applied to places where accidents can be caused. Ensure that where the product is operated has sufficient lighting allowing the warnings to be read. If any label is peeled off, apply it again immediately. Please place an order with where the product was purchased from or the office herein stated.
- **When handling the monitor, be very careful.**
  (Applies only to the product with a monitor.)
  Some of the monitor (TV) parts are subject to high tension voltage. Even after turning off the power, some portions are still subject to high tension voltage sometimes. Monitor repair and replacement should be performed only by those technical personnel who have knowledge of electricity and technical expertise.
- **Be sure to adjust the monitor/projector properly.**
  (Applies only to the product with a monitor/projector.)
  Do not operate the product leaving on-screen flickering or blurring as it is. Using the product with the monitor/projector not properly adjusted may cause dizziness or a headache to an operator, a player, or the customers.
- **When transporting or reselling this product, be sure to attach this manual to the product.**

  In the case where commercially available monitors and printers are used in this product, only the contents relating to this product are explained herein. Some commercially available equipment has functions and reactions not stated in this manual. Read this manual together with the specific Instruction Manual of such equipment.

* *Descriptions herein contained may be subject to improvement changes without notice.*
* *The contents described herein are fully prepared with due care. However, should any question arise or errors be found, please contact SEGA.*

INSPECTIONS IMMEDIATELY AFTER TRANSPORTING THE PRODUCT TO THE LOCATION

Normally, at the time of shipment, SEGA products are in a status allowing for usage immediately after transporting to the location. Nevertheless, an irregular situation may occur during transportation. Before turning on the power, check the following points to ensure that the product has been transported in a satisfactory status.

- ☐ Are there any dented portions or defects (cuts, etc.) on the external surfaces of the cabinet?
- ☐ Are Casters and Adjusters damaged?
- ☐ Do the power supply voltage and frequency requirements meet with those of the location?
- ☐ Are all wiring connectors correctly and securely connected? Unless connected in the correct way, connector connections can not be made accurately. Do not insert connectors forcibly.
- ☐ Do power cords have cuts and dents?
- ☐ Do the fuses used meet specified ratings? Is the Circuit Protector in an energized status?
- ☐ Are all accessories available?
- ☐ Can all Doors and Lids be opened with the Accessory Keys? Can Doors and Lids be firmly closed?

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SEGA AMUSEMENTS OFFICES

[For Europe Only]

From among the parts used for the product, regarding the stickers/sheets such as warning and cautionary displays intended for players, and those describing the name of hazard prevention equipment such as the Emergency Stop Button, etc., the official language applicable to the installation location is employed. These stickers/sheets are important parts from the point of view of safety and should be replaced immediately if soiled or peeled off. The Parts List herein contains only the Parts Nos. of stickers/sheets described in English (with suffixed E or EG or UK).

In the case where the asterisk mark "*" is indicated in the note column of the Parts List, that particular part has the applicable official language available. As such, when placing order, ensure that the corresponding official language is available for that particular part. For example, if you desire the stickers/sheets described in French, suffix FR in lieu of UK.

However, note that if a common expression can be used, only one expression is registered for plural official languages and in this case, only one language is available.

The followings are the suffix character(s) of the Parts No. for the corresponding official language;

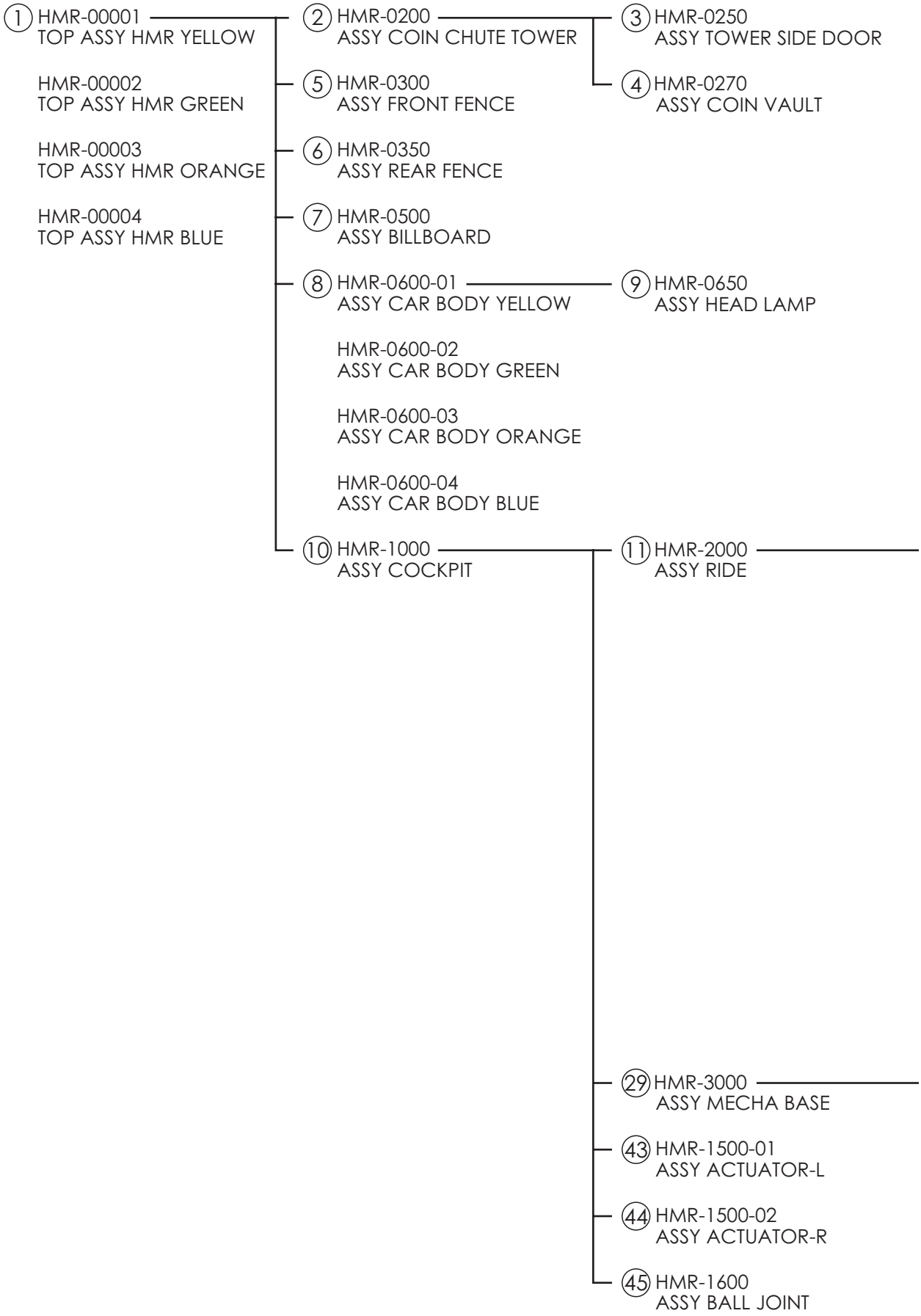
E or EG or UK:	English	FR:	French	GM:	German
SP:	Spanish	PT:	Portuguese	IT:	Italian
DU:	Dutch	SW:	Swedish	NW:	Norwegian

Note that Parts List herein does not include the individual parts of assemblies and manufactured items. Be sure to understand that inquiries and placing orders as regards the individual parts below may be unacceptable.

- Assemblies only for finished product sales (such as the printed circuit board on which ICs and fuses are mounted).
- Manufactured items incorporated for this product (projectors, monitors, etc.). As a rule, the products listed in Item No. 101 – 199 of the Parts List.
- Units which are assembled by employing welding, riveting and adhesives.

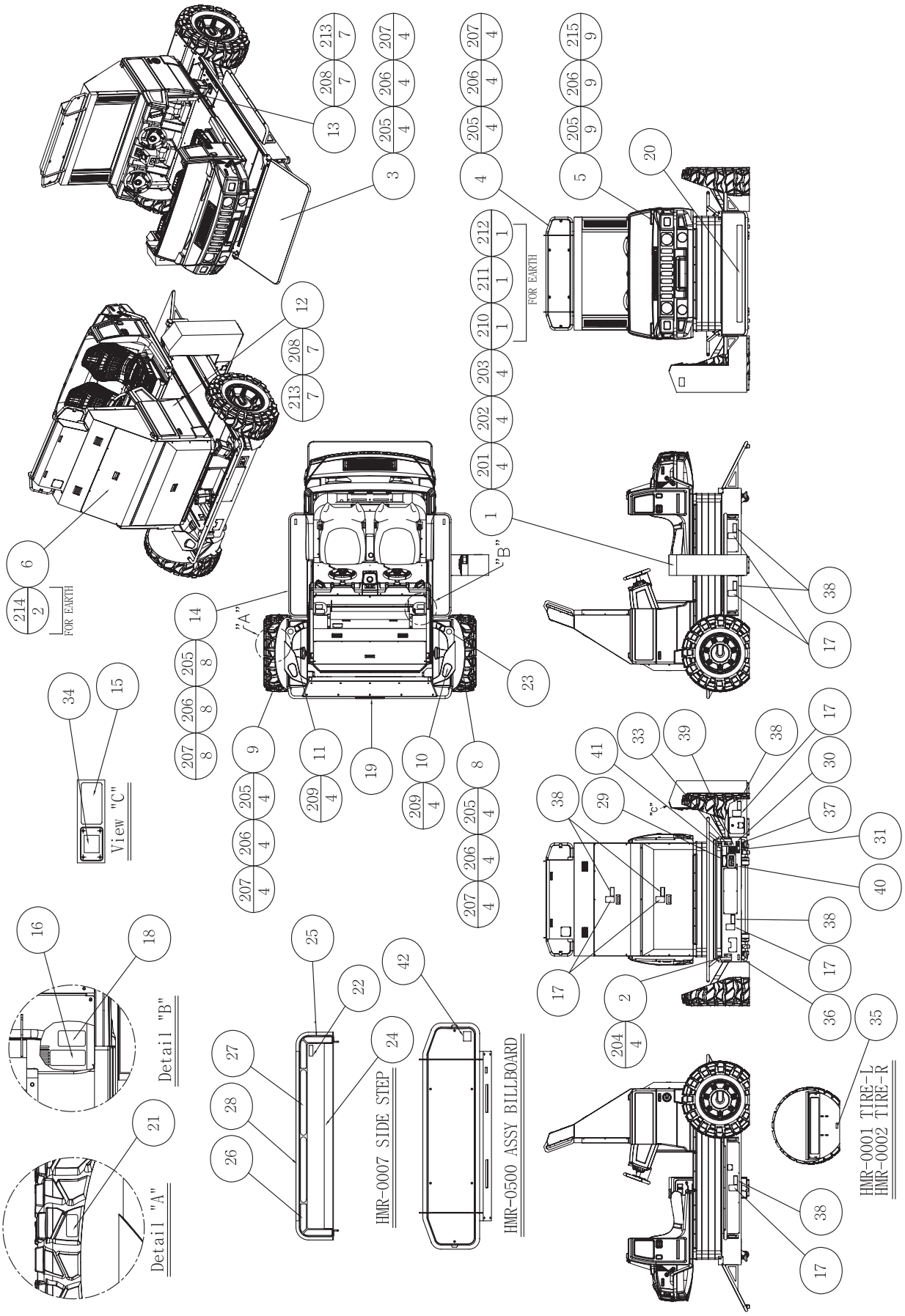
1 HMR MAIN UNIT

Plan Formation Chart



- ⑫ HMR-2100 ASSY BUTTON
  - ⑬ HMR-2130 ASSY BOOST BUTTON
- ⑭ HMR-2180 ASSY START SW
- ⑮ HMR-2190 ASSY MOTION STOP SW
- ⑯ SPG-2200-01 ASSY ACCEL&BRAKE
- ⑰ HMR-2300 ASSY SEAT L
- ⑱ HMR-2350 ASSY SEAT R
- ⑲ HMR-2400 ASSY SPEAKER L
- ⑳ HMR-2450 ASSY SPEAKER R
- ㉑ RTV-2500 ASSY HANDLE MECHA
- ㉒ HMR-2600 SW UNIT
- ㉓ HMR-2700 ASSY MONITOR MASK
- ㉔ HMR-2750 ASSY LED BAR ORANGE
- ㉕ HMR-2800 ASSY MONITOR CTRL
- ㉖ HMR-2900 ASSY UPPER FRONT COVER
- ㉗ HMR-2950 ASSY LOWER FRONT COVER
- ㉘ HMR-4300 ASSY HANDLE MOTOR DRIVER
- ㉚ HMR-3100 ASSY SUB CABI MECHA BASE
- ㉛ HMR-3200 ASSY BALL JOINT BASE
- ㉜ HMR-3250 ASSY BASE SIDE DOOR
- ㉝ HMR-3300 FAN UNIT
- ㉞ HMR-3400 ASSY FRONT REFLECTOR
- ㉟ HMR-3450 ASSY REAR REFLECTOR
- ㊱ MR-3500 ASSY GUIDE RAIL
- ㊲ HMR-3600 ASSY LAN CONNECTOR
- ㊳ HMR-3700 AC UNIT
- ㊴ HMR-3800 ASSY AC IN
- ㊵ HMR-4000 ASSY MAIN ELEC
- ㊶ HMR-4100 ASSY SUB ELEC
- ㊷ HMR-4200 ASSY ACTUATOR DRIVER

① TOP ASSY HMR YELLOW (HMR-00001) (D-1/9)
TOP ASSY HMR GREEN (HMR-00002)
TOP ASSY HMR ORANGE (HMR-00003)
TOP ASSY HMR BLUE (HMR-00004)



① TOP ASSY HMR YELLOW (HMR-00001) (D-2/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0200	ASSY COIN CHUTE TOWER	HMR-0200
2	HMR-0300	ASSY FRONT FENCE	HMR-0300
3	HMR-0350	ASSY REAR FENCE	HMR-0350
4	HMR-0500	ASSY BILLBOARD	HMR-0500
5	HMR-0600-01	ASSY CAR BODY YELLOW	HMR-0600-01
6	HMR-1000	ASSY COCKPIT	HMR-1000
8	HMR-0001	TIRE-L	
9	HMR-0002	TIRE-R	
10	HMR-0003	TIRE COVER-L	
11	HMR-0004	TIRE COVER-R	
12	HMR-0005-01	SIDE CAR BODY-L YELLOW	
13	HMR-0006-01	SIDE CAR BODY-R YELLOW	
14		SIDE STEP	HMR-0007
15	HMR-0008-EG	STICKER C USE RESTRICTION ENG	HMR-0008-EG
16	HMR-0010-EG	STICKER W POWER OFF SMALL ENG	HMR-0010-EG
17	HMR-0011-EG	STICEKR W POWER OFF LARGE ENG	HMR-0011-EG
18	HMR-0012-EG	STICKER C HANDLE GEAR ENG	HMR-0012-EG
19	HMR-0013-EG	STICKER C FENCE ENG	HMR-0013-EG
21	HMR-0015-EG	STICKER C FRP TIRE ENG	HMR-0015-EG
22	HMR-0016-EG	STICKER C SIDE STEP ENG	HMR-0016-EG
23	HMR-0017	STICKER BAGGAGE	HMR-0017
24	HMR-0018	STICKER SIDE STEP	HMR-0018
25	HMR-0019	NON SLIP MAT SIDE STEP 1	HMR-0019
26	HMR-0020	NON SLIP MAT SIDE STEP 2	HMR-0020
27	HMR-0021	NON SLIP MAT SIDE STEP 3	HMR-0021
28	HMR-0022	NON SLIP MAT SIDE STEP 4	HMR-0022
38	HMR-0030	STICKER SHOCK HAZARD	HMR-0030 <USA>
39	421-6690-12	STICKER 208V	<USA>
	421-6690-03	STICKER 220V (80556)	<Hong Kong, Taiwan>
	421-6119-04	STICKER 230V (230V AREA)	<Singapore, Europe>
40	421-6119-91	STICKER FCC	<USA>
41	421-12170	STICKER RATING SUIT ALL	<USA>
201		HEX BOLT M10x25L	HB10-025HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT W/FS M8x25L	SH08-025HNB
205		HEX BOLT M8x25L	HB08-025HNB
206		SPRING WASHER M8	W-SP08HNB
207		FLAT WASHER M8	W-FL08HNB
208		ROUND SEMS SCREW 5x16L	SR05-016NNB
209		TRUSS SCREW 5x20L	TR05-020NNB
210		HEX NUT M4	HN-04NNB
211		FLAT WASHER M4 [LARGE]	W-FL04NNB
212		SPRING WASHER M4	W-SP04NNB
213		FLAT WASHER M5 [LARGE]	W-FL05NNB
214		ROUND SEMS SCREW M4x8L	SR04-008NNW
215		FLAT WASHER M8 [LARGE]	W-FL08HNB

① TOP ASSY HMR YELLOW (HMR-00001) (D-3/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
401	601-6604-70	CARTON BOX 70	
402	220-5753	VOL CONT B-5K OHM	
403	220-5793-2-A001	KEY MASTER A001	
404	SGM-4111Y	KEY BAG	
406	420-6921-01	SERVICE MANUAL LBG ENG	
407	420-7156-01	OWNERS MANUAL HMR ENG	<Asia, USA>
	420-7156-02	SERVICEMAN MANUAL HMR CE	<Europe>
408	420-7168-01	SERVICE MANUAL HMR ENG	<Asia, USA>
	420-7168-02	OWNERS MANUAL HMR CE	<Europe>
409	420-7169-01	PARTS CAT HMR ENG	
410	HMR-0023	STICKER CAR NUMBER 0001	HMR-0023
411	HMR-0024	STICKER CAR NUMBER 0002	HMR-0024
412	HMR-0025	STICKER CAR NUMBER 0003	HMR-0025
413	HMR-0026	STICKER CAR NUMBER 0004	HMR-0026
414	HMR-0027	LAN CABLE 8000MM	HMR-0027
415	090-0314	GREASE XMT-02-001P SIM	XMT-02-001P
416	090-0315	GREASE GUN XMT-02-002P SIM	XMT-02-002P
417	443-40026D-01	STICKER 844-0026D-01	<USA>
	443-40026D-02	STICKER 844-0026D-02	<Asia, Europe>
418	090-0316	GREASE HOSE XMT-02-003P SIM	XMT-02-003P
420	540-0006-01	WRENCH M4 TMP SCR	
421	HMR-0008-CE	STICKER C USE RESTRICTION CE	HMR-0008-CE <Europe>
422	HMR-0013-CE	STICKER C FENCE CE	HMR-0013-CE <Europe>
423	HMR-0014-SP	STICKER C REAR FENCE SPN	HMR-0014-SP <Europe>
424	HMR-0014-IT	STICKER C REAR FENCE ITL	HMR-0014-IT <Europe>
425	HMR-0014-GR	STICKER C REAR FENCE GRM	HMR-0014-GR <Europe>
426	HMR-0014-FR	STICKER C REAR FENCE FRN	HMR-0014-FR <Europe>
427	HMR-0015-SP	STICKER C FRP TIRE SPN	HMR-0015-SP <Europe>
428	HMR-0015-IT	STICKER C FRP TIRE ITL	HMR-0015-IT <Europe>
429	HMR-0015-GR	STICKER C FRP TIRE GRM	HMR-0015-GR <Europe>
430	HMR-0015-FR	STICKER C FRP TIRE FRN	HMR-0015-FR <Europe>
431	HMR-0016-SP	STICKER C SIDE STEP SPN	HMR-0016-SP <Europe>
432	HMR-0016-IT	STICKER C SIDE STEP ITL	HMR-0016-IT <Europe>
433	HMR-0016-GR	STICKER C SIDE STEP GRM	HMR-0016-GR <Europe>
434	HMR-0016-FR	STICKER C SIDE STEP FRN	HMR-0016-FR <Europe>
435	HMR-2023-CE	STICKER C LIGHT HEAVE CE	HMR-2023-CE <Europe>

① TOP ASSY HMR GREEN (HMR-00002) (D-4/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0200	ASSY COIN CHUTE TOWER	HMR-0200
2	HMR-0300	ASSY FRONT FENCE	HMR-0300
3	HMR-0350	ASSY REAR FENCE	HMR-0350
4	HMR-0500	ASSY BILLBOARD	HMR-0500
5	HMR-0600-02	ASSY CAR BODY GREEN	HMR-0600-02
6	HMR-1000	ASSY COCKPIT	HMR-1000
8	HMR-0001	TIRE-L	
9	HMR-0002	TIRE-R	
10	HMR-0003	TIRE COVER-L	
11	HMR-0004	TIRE COVER-R	
12	HMR-0005-02	SIDE CAR BODY-L GREEN	
13	HMR-0006-02	SIDE CAR BODY-R GREEN	
14		SIDE STEP	HMR-0007
15	HMR-0008-EG	STICKER C USE RESTRICTION ENG	HMR-0008-EG
16	HMR-0010-EG	STICKER W POWER OFF SMALL ENG	HMR-0010-EG
17	HMR-0011-EG	STICEKR W POWER OFF LARGE ENG	HMR-0011-EG
18	HMR-0012-EG	STICKER C HANDLE GEAR ENG	HMR-0012-EG
19	HMR-0013-EG	STICKER C FENCE ENG	HMR-0013-EG
21	HMR-0015-EG	STICKER C FRP TIRE ENG	HMR-0015-EG
22	HMR-0016-EG	STICKER C SIDE STEP ENG	HMR-0016-EG
23	HMR-0017	STICKER BAGGAGE	HMR-0017
24	HMR-0018	STICKER SIDE STEP	HMR-0018
25	HMR-0019	NON SLIP MAT SIDE STEP 1	HMR-0019
26	HMR-0020	NON SLIP MAT SIDE STEP 2	HMR-0020
27	HMR-0021	NON SLIP MAT SIDE STEP 3	HMR-0021
28	HMR-0022	NON SLIP MAT SIDE STEP 4	HMR-0022
38	HMR-0030	STICKER SHOCK HAZARD	HMR-0030 <USA>
39	421-6690-12	STICKER 208V	<USA>
	421-6690-03	STICKER 220V (80556)	<Hong Kong, Taiwan>
	421-6119-04	STICKER 230V (230V AREA)	<Singapore, Europe>
40	421-6119-91	STICKER FCC	<USA>
41	421-12170	STICKER RATING SUIT ALL	<USA>
201		HEX BOLT M10x25L	HB10-025HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT W/FS M8x25L	SH08-025HNB
205		HEX BOLT M8x25L	HB08-025HNB
206		SPRING WASHER M8	W-SP08HNB
207		FLAT WASHER M8	W-FL08HNB
208		ROUND SEMS SCREW 5x16L	SR05-016NNB
209		TRUSS SCREW 5x20L	TR05-020NNB
210		HEX NUT M4	HN-04NNB
211		FLAT WASHER M4 [LARGE]	W-FL04NNB
212		SPRING WASHER M4	W-SP04NNB
213		FLAT WASHER M5 [LARGE]	W-FL05NNB
214		ROUND SEMS SCREW M4x8L	SR04-008NNW
215		FLAT WASHER M8 [LARGE]	W-FL08HNB

① TOP ASSY HMR GREEN (HMR-00002) (D-5/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
401	601-6604-70	CARTON BOX 70	
402	220-5753	VOL CONT B-5K OHM	
403	220-5793-2-A001	KEY MASTER A001	
404	SGM-4111Y	KEY BAG	
406	420-6921-01	SERVICE MANUAL LBG ENG	
407	420-7156-01	OWNERS MANUAL HMR ENG	<Asia, USA>
	420-7156-02	SERVICEMAN MANUAL HMR CE	<Europe>
408	420-7168-01	SERVICE MANUAL HMR ENG	<Asia, USA>
	420-7168-02	OWNERS MANUAL HMR CE	<Europe>
409	420-7169-01	PARTS CAT HMR ENG	
410	HMR-0023	STICKER CAR NUMBER 0001	HMR-0023
411	HMR-0024	STICKER CAR NUMBER 0002	HMR-0024
412	HMR-0025	STICKER CAR NUMBER 0003	HMR-0025
413	HMR-0026	STICKER CAR NUMBER 0004	HMR-0026
414	HMR-0027	LAN CABLE 8000MM	HMR-0027
415	090-0314	GREASE XMT-02-001P SIM	XMT-02-001P
416	090-0315	GREASE GUN XMT-02-002P SIM	XMT-02-002P
417	443-40026D-01	STICKER 844-0026D-01	<USA>
	443-40026D-02	STICKER 844-0026D-02	<Asia, Europe>
418	090-0316	GREASE HOSE XMT-02-003P SIM	XMT-02-003P
420	540-0006-01	WRENCH M4 TMP SCR	
421	HMR-0008-CE	STICKER C USE RESTRICTION CE	HMR-0008-CE <Europe>
422	HMR-0013-CE	STICKER C FENCE CE	HMR-0013-CE <Europe>
423	HMR-0014-SP	STICKER C REAR FENCE SPN	HMR-0014-SP <Europe>
424	HMR-0014-IT	STICKER C REAR FENCE ITL	HMR-0014-IT <Europe>
425	HMR-0014-GR	STICKER C REAR FENCE GRM	HMR-0014-GR <Europe>
426	HMR-0014-FR	STICKER C REAR FENCE FRN	HMR-0014-FR <Europe>
427	HMR-0015-SP	STICKER C FRP TIRE SPN	HMR-0015-SP <Europe>
428	HMR-0015-IT	STICKER C FRP TIRE ITL	HMR-0015-IT <Europe>
429	HMR-0015-GR	STICKER C FRP TIRE GRM	HMR-0015-GR <Europe>
430	HMR-0015-FR	STICKER C FRP TIRE FRN	HMR-0015-FR <Europe>
431	HMR-0016-SP	STICKER C SIDE STEP SPN	HMR-0016-SP <Europe>
432	HMR-0016-IT	STICKER C SIDE STEP ITL	HMR-0016-IT <Europe>
433	HMR-0016-GR	STICKER C SIDE STEP GRM	HMR-0016-GR <Europe>
434	HMR-0016-FR	STICKER C SIDE STEP FRN	HMR-0016-FR <Europe>
435	HMR-2023-CE	STICKER C LIGHT HEAVE CE	HMR-2023-CE <Europe>

① TOP ASSY HMR ORANGE (HMR-00003) (D-6/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0200	ASSY COIN CHUTE TOWER	HMR-0200
2	HMR-0300	ASSY FRONT FENCE	HMR-0300
3	HMR-0350	ASSY REAR FENCE	HMR-0350
4	HMR-0500	ASSY BILLBOARD	HMR-0500
5	HMR-0600-03	ASSY CAR BODY ORANGE	HMR-0600-03
6	HMR-1000	ASSY COCKPIT	HMR-1000
8	HMR-0001	TIRE-L	
9	HMR-0002	TIRE-R	
10	HMR-0003	TIRE COVER-L	
11	HMR-0004	TIRE COVER-R	
12	HMR-0005-03	SIDE CAR BODY-L ORANGE	
13	HMR-0006-03	SIDE CAR BODY-R ORANGE	
14		SIDE STEP	HMR-0007
15	HMR-0008-EG	STICKER C USE RESTRICTION ENG	HMR-0008-EG
16	HMR-0010-EG	STICKER W POWER OFF SMALL ENG	HMR-0010-EG
17	HMR-0011-EG	STICEKR W POWER OFF LARGE ENG	HMR-0011-EG
18	HMR-0012-EG	STICKER C HANDLE GEAR ENG	HMR-0012-EG
19	HMR-0013-EG	STICKER C FENCE ENG	HMR-0013-EG
21	HMR-0015-EG	STICKER C FRP TIRE ENG	HMR-0015-EG
22	HMR-0016-EG	STICKER C SIDE STEP ENG	HMR-0016-EG
23	HMR-0017	STICKER BAGGAGE	HMR-0017
24	HMR-0018	STICKER SIDE STEP	HMR-0018
25	HMR-0019	NON SLIP MAT SIDE STEP 1	HMR-0019
26	HMR-0020	NON SLIP MAT SIDE STEP 2	HMR-0020
27	HMR-0021	NON SLIP MAT SIDE STEP 3	HMR-0021
28	HMR-0022	NON SLIP MAT SIDE STEP 4	HMR-0022
38	HMR-0030	STICKER SHOCK HAZARD	HMR-0030 <USA>
39	421-6690-12	STICKER 208V	<USA>
	421-6690-03	STICKER 220V (80556)	<Hong Kong, Taiwan>
	421-6119-04	STICKER 230V (230V AREA)	<Singapore, Europe>
40	421-6119-91	STICKER FCC	<USA>
41	421-12170	STICKER RATING SUIT ALL	<USA>
201		HEX BOLT M10x25L	HB10-025HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT W/FS M8x25L	SH08-025HNB
205		HEX BOLT M8x25L	HB08-025HNB
206		SPRING WASHER M8	W-SP08HNB
207		FLAT WASHER M8	W-FL08HNB
208		ROUND SEMS SCREW 5x16L	SR05-016NNB
209		TRUSS SCREW 5x20L	TR05-020NNB
210		HEX NUT M4	HN-04NNB
211		FLAT WASHER M4 [LARGE]	W-FL04NNB
212		SPRING WASHER M4	W-SP04NNB
213		FLAT WASHER M5 [LARGE]	W-FL05NNB
214		ROUND SEMS SCREW M4x8L	SR04-008NNW
215		FLAT WASHER M8 [LARGE]	W-FL08HNB

① TOP ASSY HMR ORANGE (HMR-00003) (D-7/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
401	601-6604-70	CARTON BOX 70	
402	220-5753	VOL CONT B-5K OHM	
403	220-5793-2-A001	KEY MASTER A001	
404	SGM-4111Y	KEY BAG	
406	420-6921-01	SERVICE MANUAL LBG ENG	
407	420-7156-01	OWNERS MANUAL HMR ENG	<Asia, USA>
	420-7156-02	SERVICEMAN MANUAL HMR CE	<Europe>
408	420-7168-01	SERVICE MANUAL HMR ENG	<Asia, USA>
	420-7168-02	OWNERS MANUAL HMR CE	<Europe>
409	420-7169-01	PARTS CAT HMR ENG	
410	HMR-0023	STICKER CAR NUMBER 0001	HMR-0023
411	HMR-0024	STICKER CAR NUMBER 0002	HMR-0024
412	HMR-0025	STICKER CAR NUMBER 0003	HMR-0025
413	HMR-0026	STICKER CAR NUMBER 0004	HMR-0026
414	HMR-0027	LAN CABLE 8000MM	HMR-0027
415	090-0314	GREASE XMT-02-001P SIM	XMT-02-001P
416	090-0315	GREASE GUN XMT-02-002P SIM	XMT-02-002P
417	443-40026D-01	STICKER 844-0026D-01	<USA>
	443-40026D-02	STICKER 844-0026D-02	<Asia, Europe>
418	090-0316	GREASE HOSE XMT-02-003P SIM	XMT-02-003P
420	540-0006-01	WRENCH M4 TMP SCR	
421	HMR-0008-CE	STICKER C USE RESTRICTION CE	HMR-0008-CE <Europe>
422	HMR-0013-CE	STICKER C FENCE CE	HMR-0013-CE <Europe>
423	HMR-0014-SP	STICKER C REAR FENCE SPN	HMR-0014-SP <Europe>
424	HMR-0014-IT	STICKER C REAR FENCE ITL	HMR-0014-IT <Europe>
425	HMR-0014-GR	STICKER C REAR FENCE GRM	HMR-0014-GR <Europe>
426	HMR-0014-FR	STICKER C REAR FENCE FRN	HMR-0014-FR <Europe>
427	HMR-0015-SP	STICKER C FRP TIRE SPN	HMR-0015-SP <Europe>
428	HMR-0015-IT	STICKER C FRP TIRE ITL	HMR-0015-IT <Europe>
429	HMR-0015-GR	STICKER C FRP TIRE GRM	HMR-0015-GR <Europe>
430	HMR-0015-FR	STICKER C FRP TIRE FRN	HMR-0015-FR <Europe>
431	HMR-0016-SP	STICKER C SIDE STEP SPN	HMR-0016-SP <Europe>
432	HMR-0016-IT	STICKER C SIDE STEP ITL	HMR-0016-IT <Europe>
433	HMR-0016-GR	STICKER C SIDE STEP GRM	HMR-0016-GR <Europe>
434	HMR-0016-FR	STICKER C SIDE STEP FRN	HMR-0016-FR <Europe>
435	HMR-2023-CE	STICKER C LIGHT HEAVE CE	HMR-2023-CE <Europe>

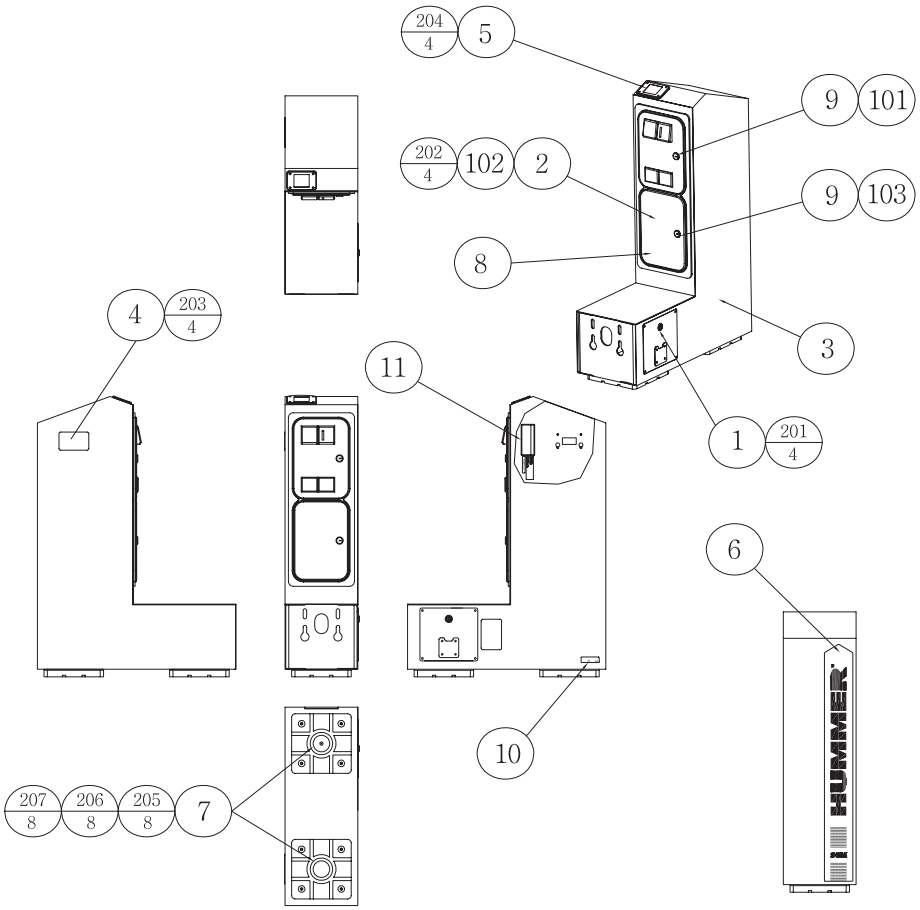
① TOP ASSY HMR BLUE (HMR-00004) (D-8/9)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0200	ASSY COIN CHUTE TOWER	HMR-0200
2	HMR-0300	ASSY FRONT FENCE	HMR-0300
3	HMR-0350	ASSY REAR FENCE	HMR-0350
4	HMR-0500	ASSY BILLBOARD	HMR-0500
5	HMR-0600-04	ASSY CAR BODY BLUE	HMR-0600-04
6	HMR-1000	ASSY COCKPIT	HMR-1000
8	HMR-0001	TIRE-L	
9	HMR-0002	TIRE-R	
10	HMR-0003	TIRE COVER-L	
11	HMR-0004	TIRE COVER-R	
12	HMR-0005-04	SIDE CAR BODY-L BLUE	
13	HMR-0006-04	SIDE CAR BODY-R BLUE	
14		SIDE STEP	HMR-0007
15	HMR-0008-EG	STICKER C USE RESTRICTION ENG	HMR-0008-EG
16	HMR-0010-EG	STICKER W POWER OFF SMALL ENG	HMR-0010-EG
17	HMR-0011-EG	STICEKR W POWER OFF LARGE ENG	HMR-0011-EG
18	HMR-0012-EG	STICKER C HANDLE GEAR ENG	HMR-0012-EG
19	HMR-0013-EG	STICKER C FENCE ENG	HMR-0013-EG
21	HMR-0015-EG	STICKER C FRP TIRE ENG	HMR-0015-EG
22	HMR-0016-EG	STICKER C SIDE STEP ENG	HMR-0016-EG
23	HMR-0017	STICKER BAGGAGE	HMR-0017
24	HMR-0018	STICKER SIDE STEP	HMR-0018
25	HMR-0019	NON SLIP MAT SIDE STEP 1	HMR-0019
26	HMR-0020	NON SLIP MAT SIDE STEP 2	HMR-0020
27	HMR-0021	NON SLIP MAT SIDE STEP 3	HMR-0021
28	HMR-0022	NON SLIP MAT SIDE STEP 4	HMR-0022
38	HMR-0030	STICKER SHOCK HAZARD	HMR-0030 <USA>
39	421-6690-12	STICKER 208V	<USA>
	421-6690-03	STICKER 220V (80556)	<Hong Kong, Taiwan>
	421-6119-04	STICKER 230V (230V AREA)	<Singapore, Europe>
40	421-6119-91	STICKER FCC	<USA>
41	421-12170	STICKER RATING SUIT ALL	<USA>
201		HEX BOLT M10x25L	HB10-025HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT W/FS M8x25L	SH08-025HNB
205		HEX BOLT M8x25L	HB08-025HNB
206		SPRING WASHER M8	W-SP08HNB
207		FLAT WASHER M8	W-FL08HNB
208		ROUND SEMS SCREW 5x16L	SR05-016NNB
209		TRUSS SCREW 5x20L	TR05-020NNB
210		HEX NUT M4	HN-04NNB
211		FLAT WASHER M4 [LARGE]	W-FL04NNB
212		SPRING WASHER M4	W-SP04NNB
213		FLAT WASHER M5 [LARGE]	W-FL05NNB
214		ROUND SEMS SCREW M4x8L	SR04-008NNW
215		FLAT WASHER M8 [LARGE]	W-FL08HNB

① TOP ASSY HMR BLUE (HMR-00004) (D-9/9)

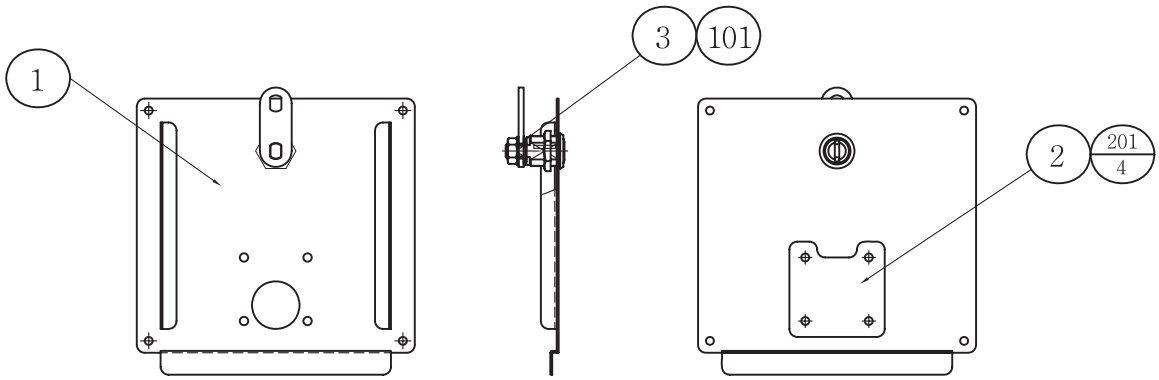
ITEM NO.	PART NO.	DESCRIPTION	NOTE
401	601-6604-70	CARTON BOX 70	
402	220-5753	VOL CONT B-5K OHM	
403	220-5793-2-A001	KEY MASTER A001	
404	SGM-4111Y	KEY BAG	
406	420-6921-01	SERVICE MANUAL LBG ENG	
407	420-7156-01	OWNERS MANUAL HMR ENG	<Asia, USA>
	420-7156-02	SERVICEMAN MANUAL HMR CE	<Europe>
408	420-7168-01	SERVICE MANUAL HMR ENG	<Asia, USA>
	420-7168-02	OWNERS MANUAL HMR CE	<Europe>
409	420-7169-01	PARTS CAT HMR ENG	
410	HMR-0023	STICKER CAR NUMBER 0001	HMR-0023
411	HMR-0024	STICKER CAR NUMBER 0002	HMR-0024
412	HMR-0025	STICKER CAR NUMBER 0003	HMR-0025
413	HMR-0026	STICKER CAR NUMBER 0004	HMR-0026
414	HMR-0027	LAN CABLE 8000MM	HMR-0027
415	090-0314	GREASE XMT-02-001P SIM	XMT-02-001P
416	090-0315	GREASE GUN XMT-02-002P SIM	XMT-02-002P
417	443-40026D-01	STICKER 844-0026D-01	<USA>
	443-40026D-02	STICKER 844-0026D-02	<Asia, Europe>
418	090-0316	GREASE HOSE XMT-02-003P SIM	XMT-02-003P
420	540-0006-01	WRENCH M4 TMP SCR	
421	HMR-0008-CE	STICKER C USE RESTRICTION CE	HMR-0008-CE <Europe>
422	HMR-0013-CE	STICKER C FENCE CE	HMR-0013-CE <Europe>
423	HMR-0014-SP	STICKER C REAR FENCE SPN	HMR-0014-SP <Europe>
424	HMR-0014-IT	STICKER C REAR FENCE ITL	HMR-0014-IT <Europe>
425	HMR-0014-GR	STICKER C REAR FENCE GRM	HMR-0014-GR <Europe>
426	HMR-0014-FR	STICKER C REAR FENCE FRN	HMR-0014-FR <Europe>
427	HMR-0015-SP	STICKER C FRP TIRE SPN	HMR-0015-SP <Europe>
428	HMR-0015-IT	STICKER C FRP TIRE ITL	HMR-0015-IT <Europe>
429	HMR-0015-GR	STICKER C FRP TIRE GRM	HMR-0015-GR <Europe>
430	HMR-0015-FR	STICKER C FRP TIRE FRN	HMR-0015-FR <Europe>
431	HMR-0016-SP	STICKER C SIDE STEP SPN	HMR-0016-SP <Europe>
432	HMR-0016-IT	STICKER C SIDE STEP ITL	HMR-0016-IT <Europe>
433	HMR-0016-GR	STICKER C SIDE STEP GRM	HMR-0016-GR <Europe>
434	HMR-0016-FR	STICKER C SIDE STEP FRN	HMR-0016-FR <Europe>
435	HMR-2023-CE	STICKER C LIGHT HEAVE CE	HMR-2023-CE <Europe>

(2) ASSY COIN CHUTE TOWER (HMR-0200)



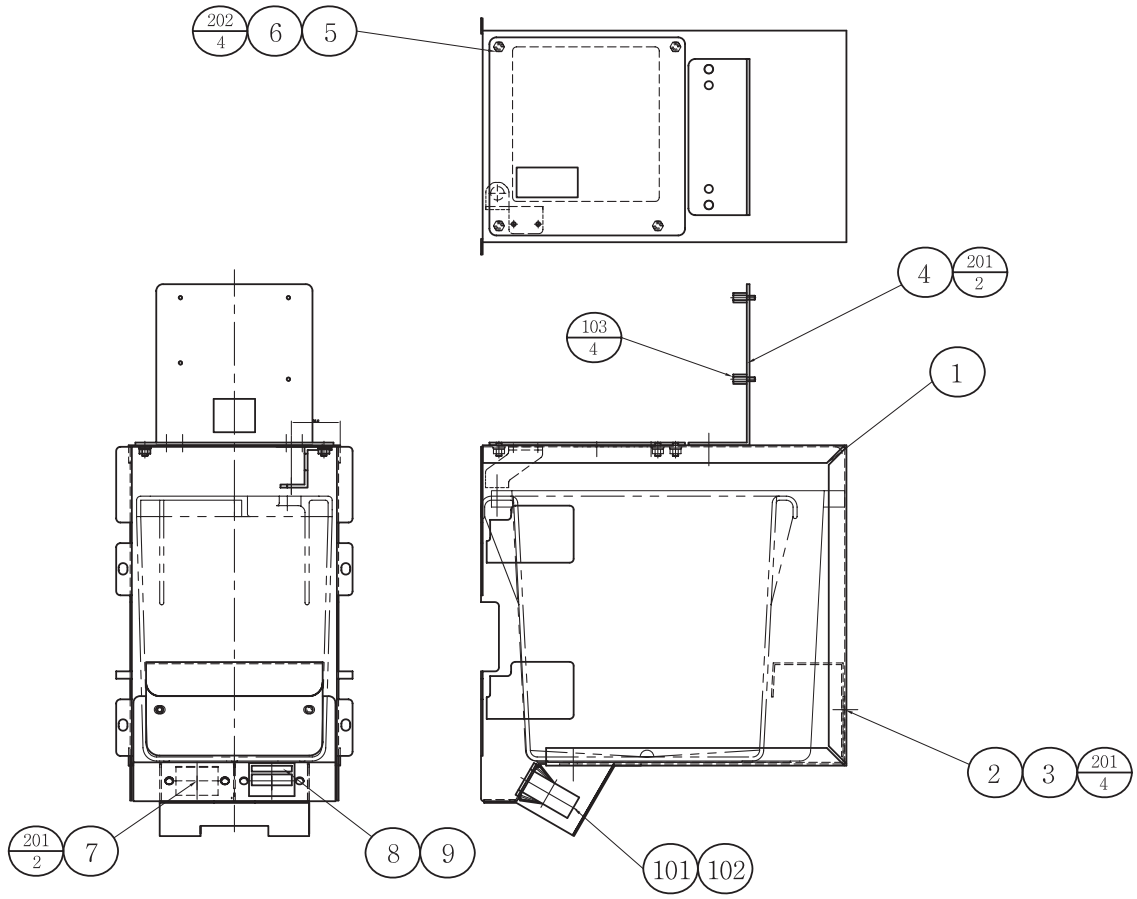
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0250	ASSY TOWER SIDE DOOR	HMR-0250
2	HMR-0270	ASSY COIN VAULT	HMR-0270
3		COIN CHUTE TOWER BOX	HMR-0201
4		EDY COVER	HMR-0202
5		DENOMI PLATE	HMR-0203
6	HMR-0204	STICKER COIN CHUTE TOWER	HMR-0204
7		RUBBER PAD	MET-03-025P
8	253-5366	CASH BOX	
9	DP-1167	TNG LKG	<Asia>
11	HMR-0205	STICKER ELECTRIC SHOCK	<USA>
101	220-5793-1-A001	CLY LOCK MASTER W/O KEY	<Asia>
102	220-5816	CC 2DR W/O DBA HAPP 40-7000-00	<USA>
	220-5237-93-38	ASSY C.C 2DR SINGAPORE $1 TWIN	<Singapore>
	220-5237-93-15	ASSY C.C 2DR HONG KONG $1 TWIN	<Hong Kong>
	220-5237-93-14	ASSY C.C 2DR TAIWAN NT$10 TWIN	<Taiwan>
103	220-5794	CLY LOCK W/KEY	<Asia>
104	280-5277	CORD CLAMP 18	
201		TRUSS SCREW M4x8L	TR04-008NNB
202		TRUSS SCREW M4x6L	TR04-006NNB
203		FLANGE NUT M4	FH-04NNS
204		ROUND HEAD WRENCH SCREW M4x12L	RW04-012NNB
205		WRENCH SCREW M6x20L	WR06-020HNB
206		FLAT WASHER M6 (LARGE)	W-FL06HNB
207		SPRING WASHER M6	W-SP06HNB
301		COIN SW1 (600mm)	HMR-C2-014
302		COIN SW2 (700mm)	HMR-C2-015
303		AC220V (4) JC BD AC220V TO MONITOR (1400mm)	HMR-C2-017
304		COIN TOWER EARTH LINE (900mm)	HMR-C2-032
305		DC 5557-12P SW REGU TO COIN CHUTE (1) (1150mm)	HMR-C2-004

③ ASSY TOWER SIDE DOOR (HMR-0250)



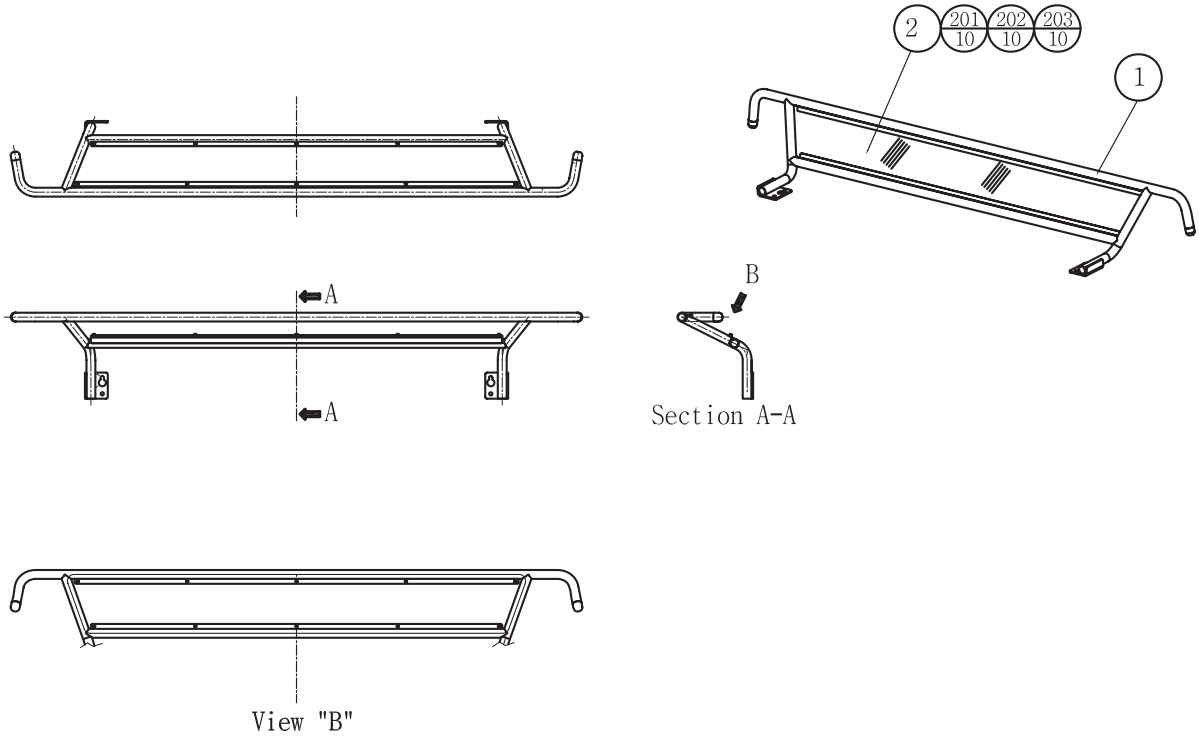
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		TOWER SIDE DOOR	HMR-0251
2		PLATE DVD	HMR-3252
3		TNG BASE	HMR-3253
101	220-5793-1-A001	CLY LOCK MASTER W/O KEY	
201		TRUSS SCREW M4x8L	TR04-008NNB

4 ASSY COIN VAULT (HMR-0270)



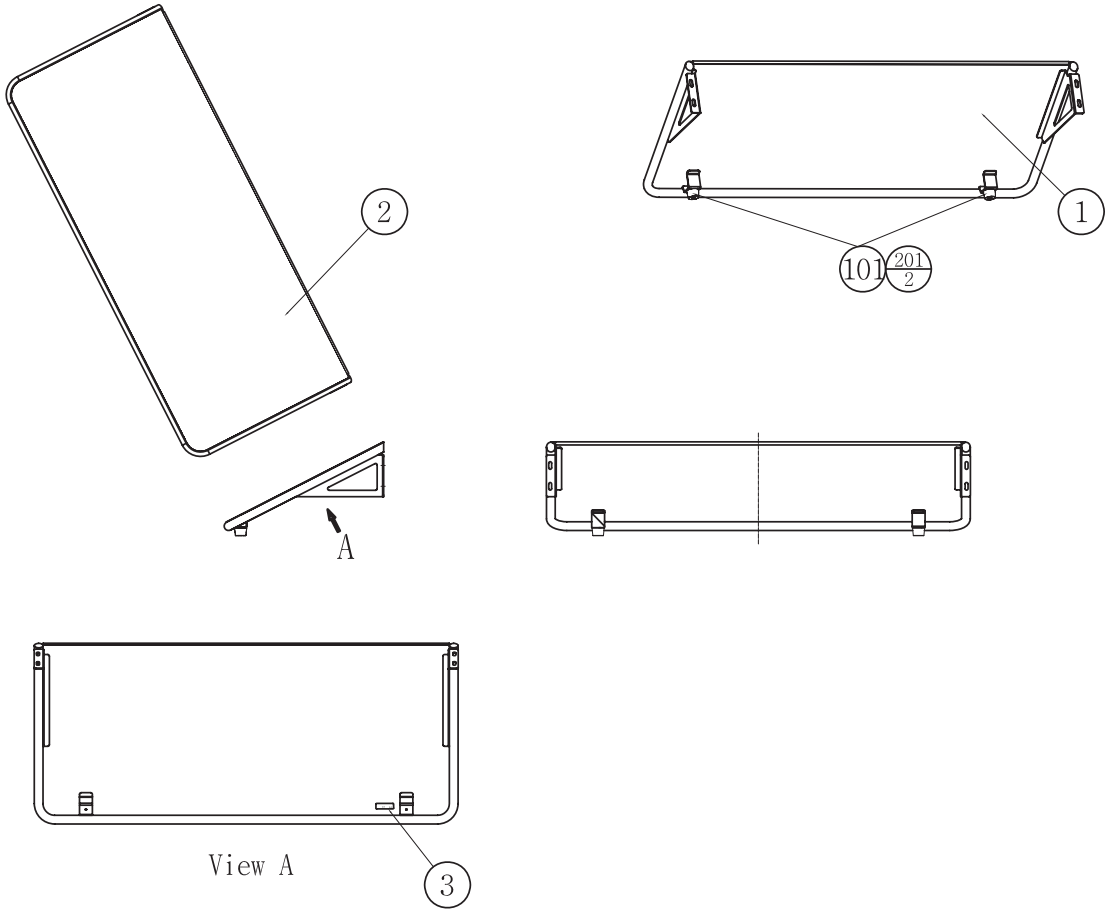
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		COIN VAULT BOX	HMR-0271
2		VAULT BASE PLATE	HMR-0272
3		CASH BOX STOPPER FOR SEGA	HMR-0273
4		CREDIT BOARD BRKT	HMR-0274
5		SELECT BRKT (2ENTRY)	HMR-0275
6		SELECT BRKT (1ENTRY)	HMR-0276
7		COIN METER COVER	HMR-0277
8		STICKER COIN METER 1	HMR-0278
9		STICKER COIN METER 2	HMR-0279
101	220-5798-01	MAG CNTR 4P MZ674-DC5V-D41 JC	
102	220-5798-02	MAG CNTR 6P MZ674-DC5V-D41 JC	
103		PLASTIC SURPPOT M3x10L	PS03-010NNW
104	280-5277	CORD CLAMP 18	
105	220-5797-01	MAG CNTR 4P MZ674-DC12V-D28 JC	<Europe>
201		TRUSS SCREW M4x8L	TR04-008NNB
202		FLANGE NUT M4	FH-04NNS

⑤ ASSY FRONT FENCE (HMR-0300)



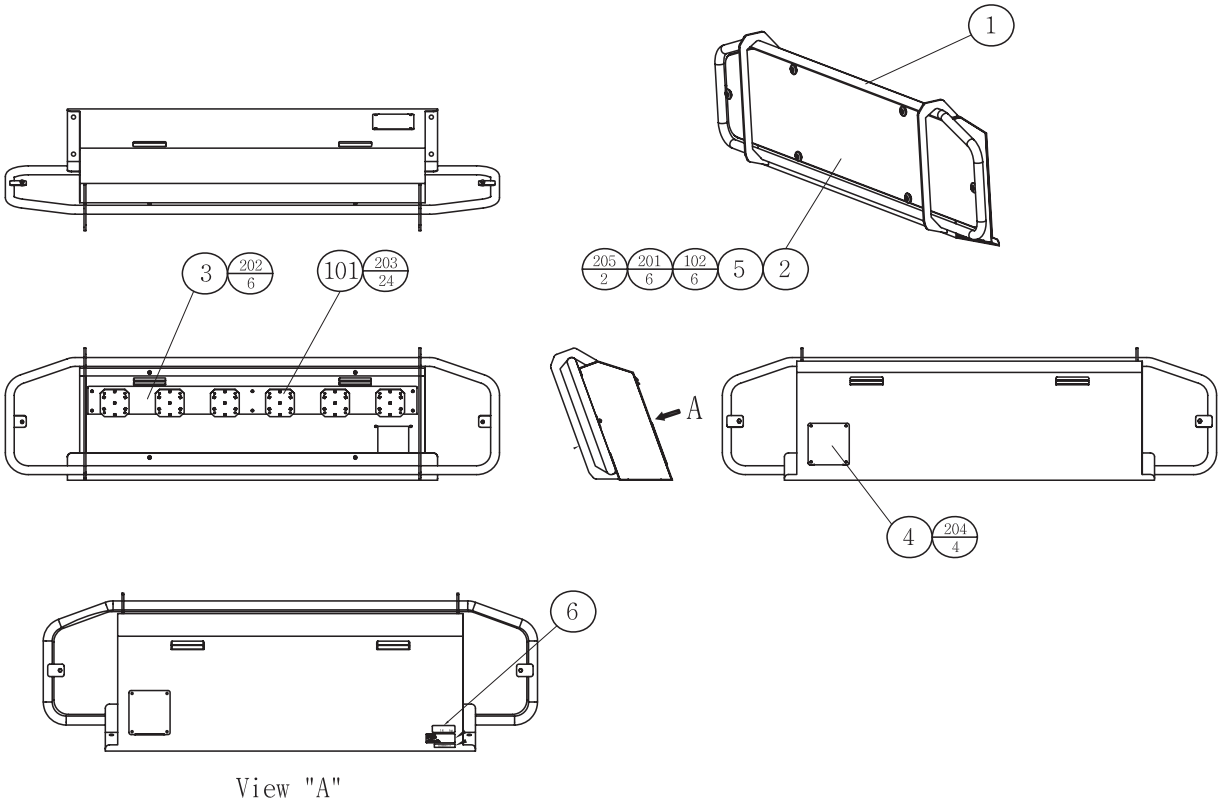
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		FRONT FENCE	HMR-0301
2		FRONT FENCE PLATE	HMR-0302
201		FLUSH SCREW M5x12L	FL05-012NNB
202		RACK WASHER M5	W-LC05NNB
203		RUBBER WASHER	W-RB05NNB

6 ASSY REAR FENCE (HMR-0350)



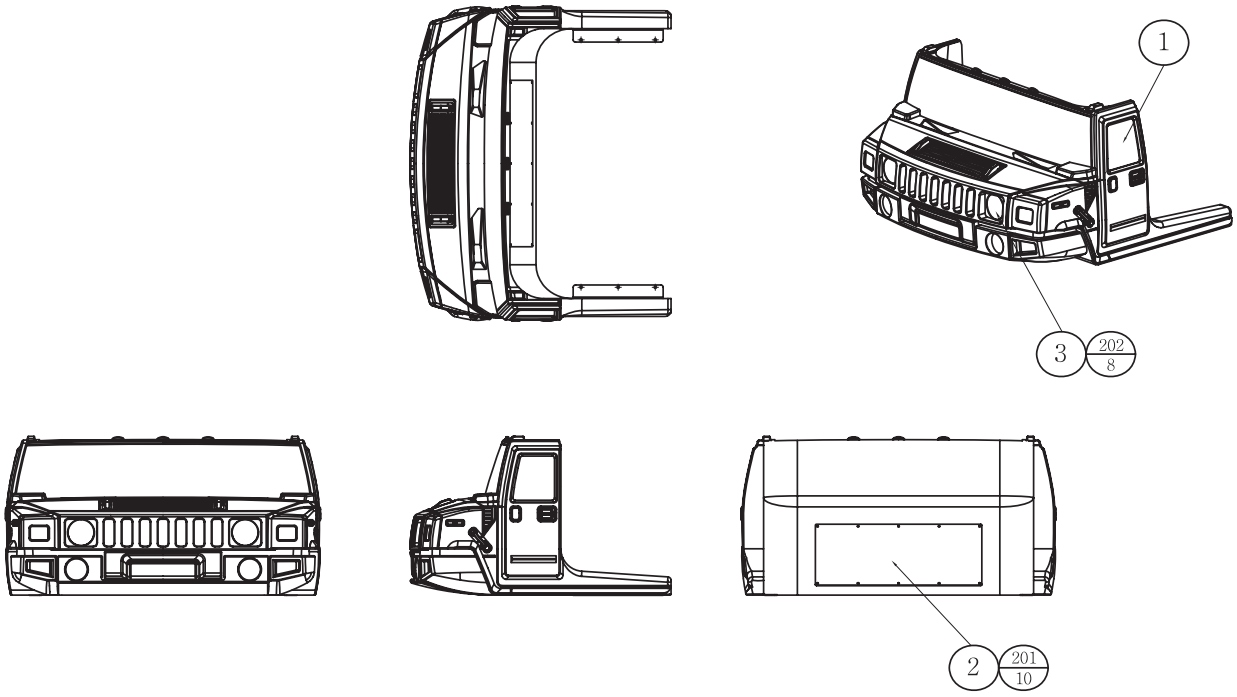
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		REAR FENCE	HMR-0351
2	HMR-0352	STICKER REAR FENCE	HMR-0352
101		VIBROISOLATION RUBBER RUB-138 [BRAMA]	VBR-0138
201		TRUSS SCREW M5x16L	TR05-016NNB

⑦ ASSY BILLBOARD (HMR-0500)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BILLBOARD BOX	HMR-0501
2	HMR-0502	BILLBOARD PLATE	HMR-0502
3		BILLBOARD LED PLATE	HMR-0503
4		BILLBOARD BACK PLATE	HMR-0504
5		CTF WASHER	CTF-1002-KO
101	838-14889	LED BD ESU-00-RA02P SIM	ESU-00-RA02P
102		RUBBER WASHER(Ø19.0xØ9.0x2T)	RUW-19-9-2
201		LOW HEAD WRENCH SCREW M5x16L	LH05-016NSW
202		ROUND SEMS SCREW M5x8L	SR05-008NNB
203		ROUND SEMS SCREW M3x8L	SR03-008NNB
204		TRUSS SCREW M4x8L	TR04-008NNB
205		CAP NUT M5	N-CA05NSW
301		BILLBOARD LAMP1 TO BILLBOARD LAMP2 (150mm)	HMR-C1-003
306		CONNECTION BD1 TO BILLBOARD LAMP1(1) (500mm)	HMR-C1-017

⑧ ASSY CAR BODY YELLOW (HMR-0600-01) (D-1/5)
ASSY CAR BODY GREEN (HMR-0600-02)
ASSY CAR BODY ORANG (HMR-0600-03)
ASSY CAR BODY GREEN (HMR-0600-04)



⑧ ASSY CAR BODY YELLOW (HMR-0600-01) (D-2/5)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0601-01	CAR BODY YELLOW	
2		REAR FRP COVER	HMR-0602
3	HMR-0650	ASSY HEAD LAMP	HMR-0650
201		TRUSS SCREW M5x8L	TR05-008NNB
202		ROUND SEMS SCREW M4x12L	SR04-012NNW

⑧ ASSY CAR BODY GREEN (HMR-0600-02) (D-3/5)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0601-02	CAR BODY GREEN	
2		REAR FRP COVER	HMR-0602
3	HMR-0650	ASSY HEAD LAMP	HMR-0650
201		TRUSS SCREW M5x8L	TR05-008NNB
202		ROUND SEMS SCREW M4x12L	SR04-012NNW

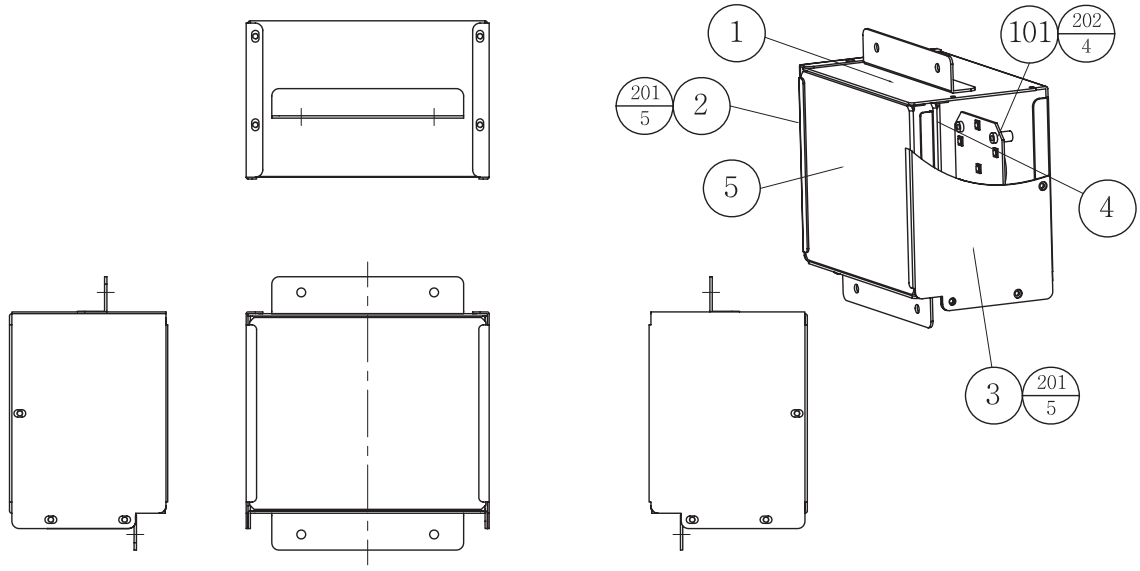
⑧ ASSY CAR BODY ORANGE (HMR-0600-03) (D-4/5)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0601-03	CAR BODY ORANGE	
2		REAR FRP COVER	HMR-0602
3	HMR-0650	ASSY HEAD LAMP	HMR-0650
201		TRUSS SCREW M5x8L	TR05-008NNB
202		ROUND SEMS SCREW M4x12L	SR04-012NNW

⑧ ASSY CAR BODY BLUE (HMR-0600-04) (D-5/5)

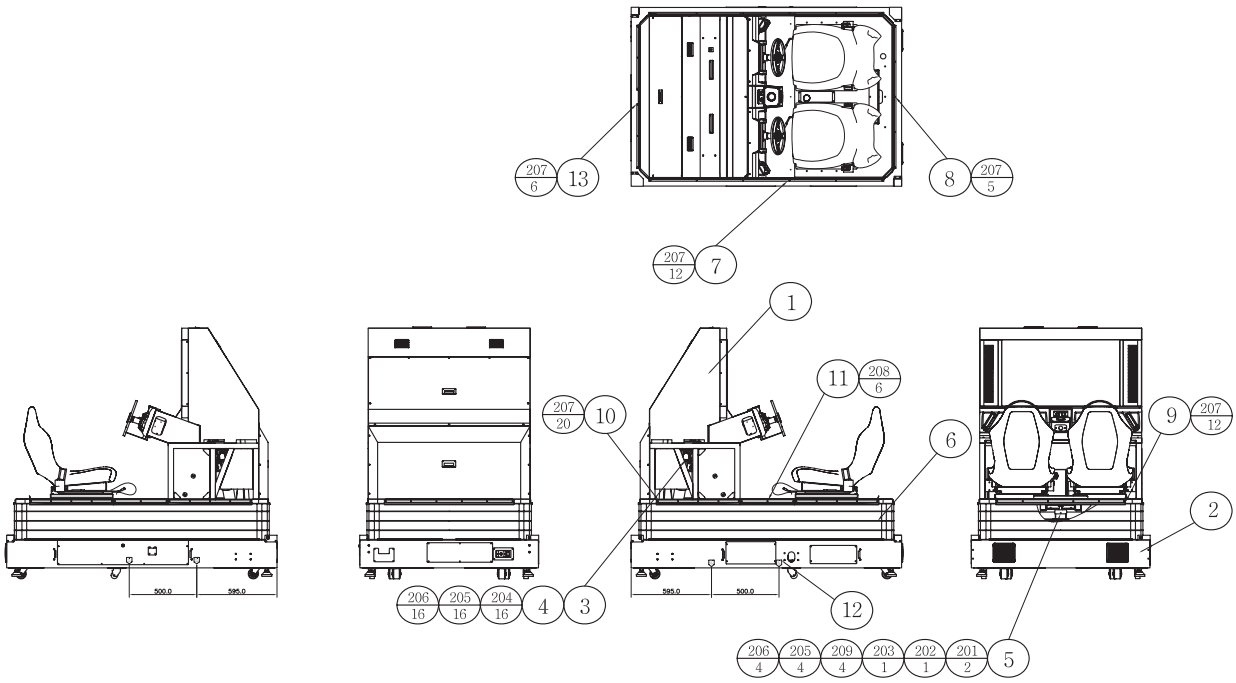
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-0601-04	CAR BODY BLUE	
2		REAR FRP COVER	HMR-0602
3	HMR-0650	ASSY HEAD LAMP	HMR-0650
201		TRUSS SCREW M5x8L	TR05-008NNB
202		ROUND SEMS SCREW M4x12L	SR04-012NNW

⑨ ASSY HEAD LAMP (HMR-0650)



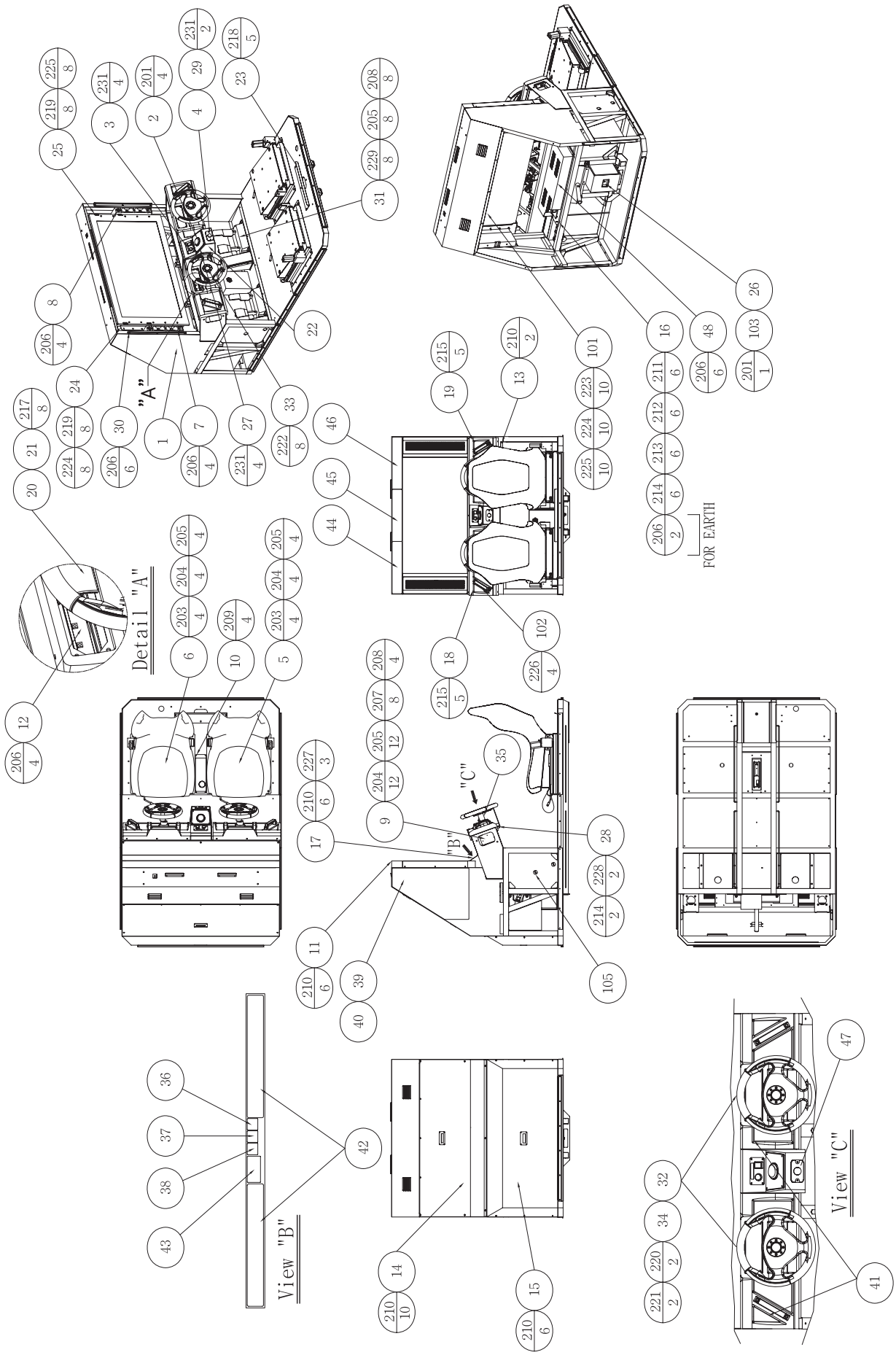
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		HEAD LAMP BOX MAIN	HMR-0651
2		HEAD LAMP SIDE COVER-L	HMR-0652
3		HEAD LAMP SIDE COVER-R	HMR-0653
4		HEAD LAMP FRONT PLATE	HMR-0654
5		HEAD LAMP REAR PLATE	HMR-0655
101	838-14889	LED BD ESU-00-RA02P SIM	ESU-00-RA02P
201		ROUND SEMS SCREW M4x8L	SR04-008NNB
202		ROUND SEMS SCREW M3x8L	SR03-008NNW
301		RA-3411[JST] TO HEAD LAMP(L) (800mm)	HMR-C2-006
302		HEAD LAMP(L) TO HEAD LAMP[R] (1300mm)	HMR-C2-011

⑩ ASSY COCKPIT (HMR-1000)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-2000	ASSY RIDE	HMR-2000
2	HMR-3000	ASSY MECHA BASE	HMR-3000
3	HMR-1500-01	ASSY ACTUATOR-L	HMR-1500-01
4	HMR-1500-02	ASSY ACTUATOR-R	HMR-1500-02
5	HMR-1600	ASSY BALL JOINT	HMR-1600
6	HMR-1001	BELLOWS	HMR-1001
7		BASE BELLOWS BRKT-1	HMR-1002
8		BASE BELLOWS BRKT-2	HMR-1003
9		RIDE BELLOWS BRKT-1	HMR-1004
10		RIDE BELLOWS BRKT-2	HMR-1005
11		RIDE BELLOWS BRKT-3	HMR-1006
12		STICKER FOLK LIFT	HMR-1007
13		BASE BELLOWS BRKT-3	HMR-1008
101		CABLE TIE J-140 BLK	EEC-10-R071P
201		HEX NUT M16	N-HN16HNB
202		SPRING WASHER M16	W-FL16HNB
203		FLAT WASHER M16	W-SP16HNB
204		HEX BOLT M10x35L	HB10-035HNB
205		SPRING WASHER M10	W-SP10HNB
206		FLAT WASHER M10	W-FL10HNB
207		TRUSS SCREW M4x12L	TR04-012NNB
208		TRUSS SCREW M4x12L	TR04-012NNW
209		HEX BOLT M10x30L	HB10-030HNB

(11) ASSY RIDE (HMR-2000) (D-1/3)



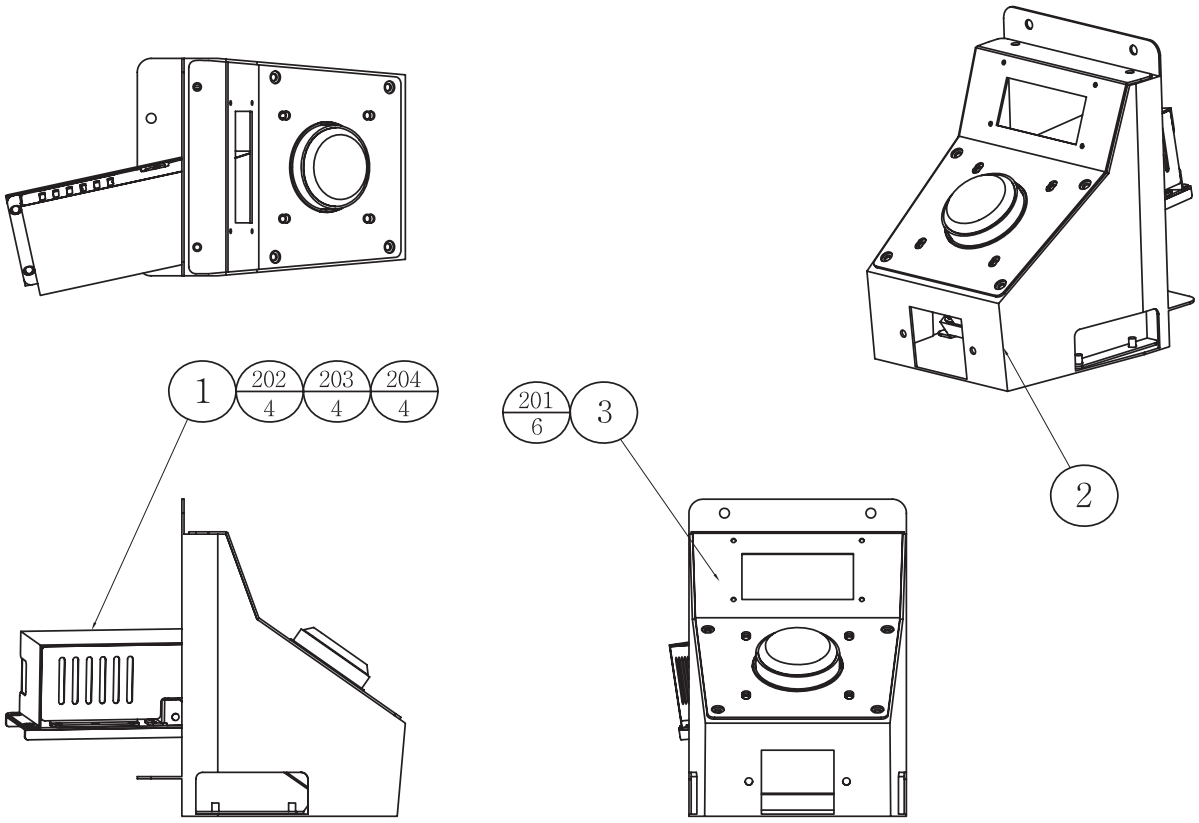
⑪ ASSY RIDE (HMR-2000) (D-2/3)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-2050	ASSY SUB CABI RIDE	HMR-2050
2	HMR-2100	ASSY BUTTON	HMR-2100
3	HMR-2180	ASSY START SW	HMR-2180
4	HMR-2190	ASSY MOTION STOP SW	HMR-2190
5	HMR-2300	ASSY SEAT L	HMR-2300
6	HMR-2350	ASSY SEAT R	HMR-2350
7	HMR-2400	ASSY SPEAKER L	HMR-2400
8	HMR-2450	ASSY SPEAKER R	HMR-2450
9	RTV-2500	ASSY HANDLE MECHA	
10	HMR-2600	SW UNIT	HMR-2600
11	HMR-2700	ASSY MONITOR MASK	HMR-2700
12	HMR-2750	ASSY LED BAR ORANGE	HMR-2750
13	HMR-2800	ASSY MONITOR CTRL	HMR-2800
14	HMR-2900	ASSY UPPER FRONT COVER	HMR-2900
15	HMR-4300	ASSY LOWER FRONT COVER	HMR-2950
16	HMR-2001	ASSY HANDLE MOTOR DRIVER	HMR-4300
17		HANDLE MOTOR COVER	HMR-2001
18	HMR-2002	CTRL PANEL-L	
19	HMR-2003	CTRL PANEL-R	
20	HMR-2004	DRIVER LAMP FRONT PLATE	HMR-2004
21	HMR-2005	DRIVER LAMP REAR PLATE	HMR-2005
22	HMR-2006	BUTTON COVER	
23		CAR BODY STOPPER	HMR-2007
24		MONITOR SUB BRKT-L	HMR-2008
25		MONITOR SUB BRKT-R	HMR-2009
26		WOOFER FIX BRKT	HMR-2010
27	HMR-2011	BUTTON PLATE	HMR-2011
28		BUTTON REAR BLOCK	HMR-2012
29	HMR-2013	MOTION STOP COVER	HMR-2013
30		MONITOR FIX BRKT	HMR-2014
31	SPG-2200-01	ASSY ACCEL&BRAKE	
32	SPG-2001X	STEERING WHEEL	
33	SPG-2002	STEERING EMBLEM	
34	SPG-2039	SPACER RING	
35	ORA-3125	HANDLE COLLAR	
36	HMR-2015-EG	STICKER MAXIMUM PASSENGER ENG	HMR-2015-EG
37	HMR-2016-EG	STICKER FASTEN SEAT BELT ENG	HMR-2016-EG
38	HMR-2017-EG	STICKER OVER 140CM ENG	HMR-2017-EG
39	HMR-2018	STICKER MONITOR SIDE L	HMR-2018
40	HMR-2019	STICKER MONITOR SIDE R	HMR-2019
41	HMR-2020-EG	STICKER INSTR CTRL PANEL ENG	HMR-2020-EG
42	HMR-2022-EG	STICKER INSTR HANDLE COVER ENG	HMR-2022-EG
43	HMR-2023-EG	STICKER C LIGHT HEAVE ENG	HMR-2023-EG
44	HMR-2024-EG	STICKER INSTR MASK L ENG	HMR-2024-EG
45	HMR-2025-EG	STICKER INSTR MASK C ENG	HMR-2025-EG
46	HMR-2026-EG	STICKER INSTR MASK R ENG	HMR-2026-EG
47	HMR-2192	STICKER MOTION STOP	HMR-2192
48		HANDLE MOTOR DRIVER COVER	HMR-2027
101	200-6119	LCD MONITOR ESU-05-R078P SIM	ESU-05-R078P
102		CTRL GRIP	WJSJ-011
103	130-5155-01-91	SPEAKER BOX SUB WOOFER YL	
104	280-5277	CORD CLAMP 18	
105		HOLE PLUG	HP-30
106		CABLE TIE J-140 BLK	EEC-10-R071P
107		ZCAT3035-1330 [TDK]	EEC-03-R203P
108		ZCAT2035-0930 [TDK]	EEC-30-R202P

(11) ASSY RIDE (HMR-2000) (D-3/3)

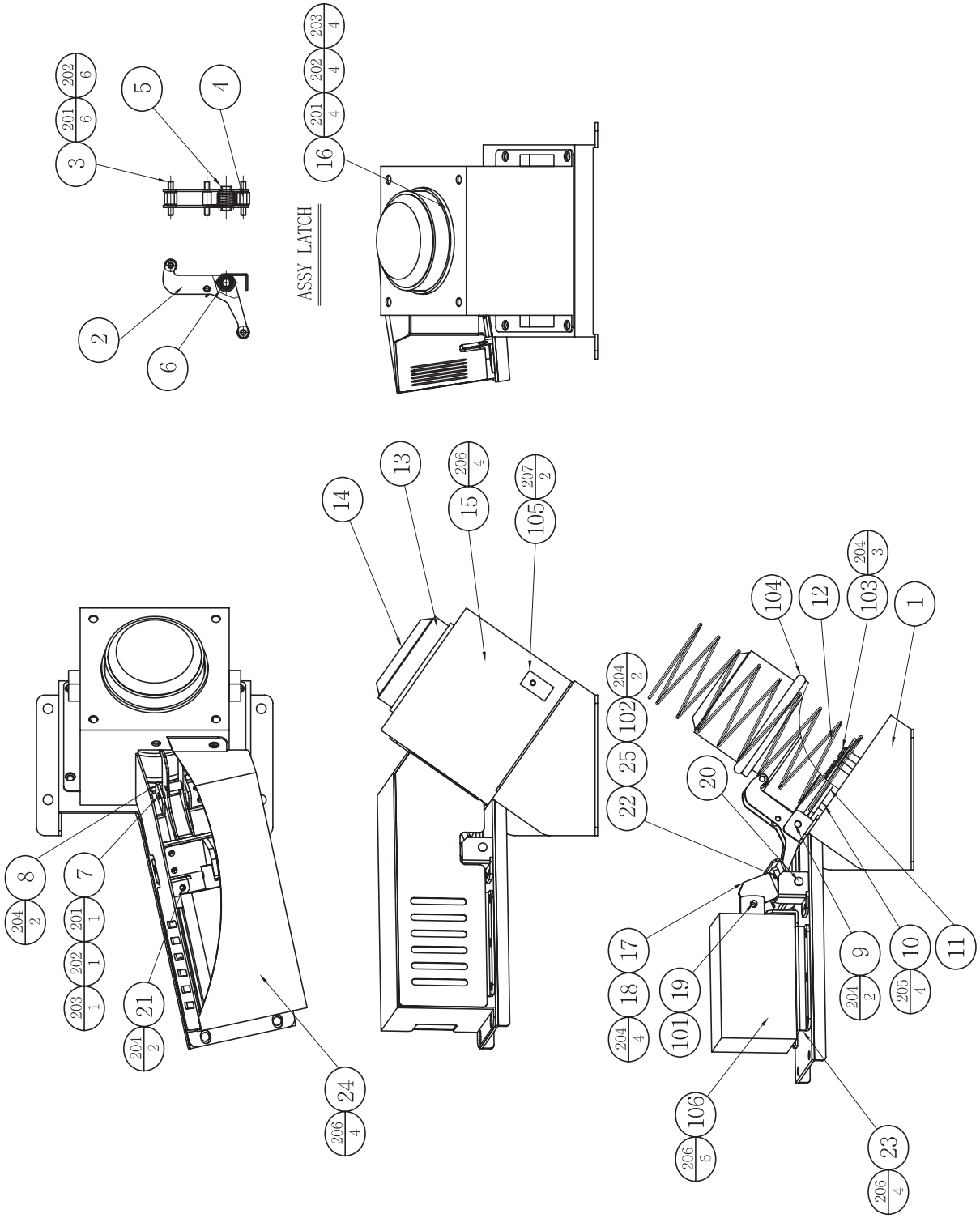
ITEM NO.	PART NO.	DESCRIPTION	NOTE
201		ROUND HEAD SEMS SCREW M5x12L	RS05-012NNB
203		HEX BOLT M8x20L	HB08-020HNB
204		SPRING WASHER M8	W-SP08HNB
205		FLAT WASHER M8	W-FL08HNB
206		ROUND SEMS SCREW M4x8L	SR04-008NNB
207		HEX NUT M8	N-HN08HNB
208		ROUND HEAD WRENCH SCREW M8x20L	RW08-020NNB
209		BLIND RIVET BLACK (Ø4x10.8L)	BR04-010NNB
210		TRUSS SCREW M4x8L	TR04-008NNB
211		VIBROISOLATION BOLT M5x14L	VB0514-1514
212		HEX NUT M5	N-HN05HNB
213		SPRING WASHER M5	W-SP05HNB
214		FLAT WASHER M5	W-FL05HNB
215		ROUND HEAD WRENCH SCREW M4x16L	RW04-016NNB
217		ROUND HEAD WRENCH SCREW M4x16L	RW04-016NNW
218		TRUSS SCREW M5x8L	TR05-008NNB
219		VIBROISOLATION BOLT M6	VB0615-2215
220	020-000820-0Z	HEX SKT H CAP SCR BLK OZ M8x20L	
221	060-S00800-0B	SPR WSHR BLK M8	
222	FAG-200013	HEX SKT H CAP SCR CRM M4x16	
223		WRENCH SCREW M6x15L	WR06-025HNB
224		FLAT WASHER M6	W-FL06HNB
225		SPRING WASHER M6	W-SP06HNB
226		WRENCH BOLT M8x25L	WR08-025NNW
227		FLAT WASHER M4 [LARGE]	W-FL04HNB
228		TRUSS SCREW M5x16L	TR05-016NNB
229		HEX BOLT M8x25L	HB08-025HNB
230		PLASTIC WASHER (Ø3.2xØ8.0x1.0T)	W-PW04NNW
231	008-T00416-0C	TMP PRF SCR TH CRM M4x16	
301		CABIN1 CONNECTION BD1 (3430mm)	HMR-C1-001
303		AC220V (3) JC BD AC220V TO MONITOR (650mm)	HMR-C1-009
306		LED BAR GREEN[L],[R](880mm, 1000mm)	HMR-C1-012
307		SPEAKER IN (2) FROM SOUND AMP (3080mm)	HMR-C1-013
308		SPEAKER IN(3)FROM SOUND AMP(1800mm,900mm,1100mm)	HMR-C1-014
309		ACCEL & BRAKE(L), (R) (1400mm, 720mm)	HNR-C1-020
310		CONNECTION BD1 TO BILLBOARD LAMP1(2) (1550mm)	HNR-C1-021
311		DVI CABLE	HMR-C1-022
312		CONNECTION BD2 RA-3411[JST] TO CABIN2 (2450mm)	HMR-C2-001
313		AC100V TO CABIN MOTOR DRIVER[L],[R](1) (3110mm)	HMR-C2-023

⑫ ASSY BUTTON (HMR-2100)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-2130	ASSY BOOST BUTTON	
2		BUTTON BOX	HMR-2101
3		BUTTON UPPER COVER	HMR-2102
201		TRUSS SCREW M4x8L	TR04-008NNB
202		HEX NUT M5	N-HN05HNB
203		SPRING WASHER M5	W-SP05HNB
204		FLAT WASHER M5	W-FL05HNB
301		BOOST BD TO BOOST SW, LAMP BD (2) 350mm)	HMR-C1-018

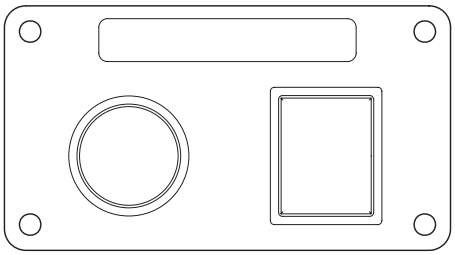
⑬ ASSY BOOST BUTTON (HMR-2130) (D-1/2)

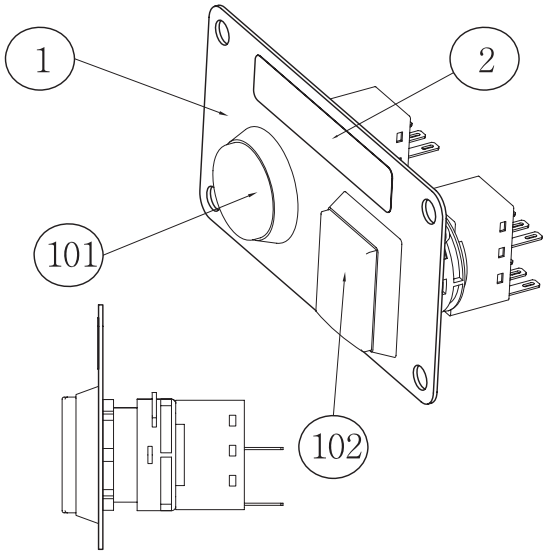


⑬ ASSY BOOST BUTTON (HMR-2130) (D-2/2)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BOOST MECHA BASE	HMR-2131
2		LATCH PLATE	HMR-2132
3		ROLLER PIN	HMR-2133
4	HMR-2134	ROLLER	HMR-2134
5		LATCH COLLAR	HMR-2135
6	HMR-2136	TOR SPRING BOOST	HMR-2136
7		LATCH PIN	HMR-2137
8		LATCH BRKT L	HMR-2138
9		LATCH BRKT R	HMR-2139
10		PIPE BASE	HMR-2140
11	HMR-2141	STOPPER RUBBER BOOST	HMR-2141
12	HMR-2142	COM SPRING	HMR-2142
13	HMR-2143	BUTTON SHAFT	HMR-2143
14	HMR-2144	BOOST PLATE	HMR-2144
15		UPPER BASE	HMR-2145
16	HMR-2146	BUTTON GUIDE	HMR-2146
17		RELEASE BRKT	HMR-2147
18	HMR-2148	PLUNGER HOLDER	HMR-2148
19		PLUNGER PIN	HMR-2149
20		RELEASE PIN	HMR-2150
21		BEARING BRKT L	HMR-2151
22		BEARING BRKT R	HMR-2152
23		SOLENOID BASE	HMR-2153
24		SOLENOID COVER	HMR-2154
25	HMR-2155	RELEASE SPRING	HMR-2155
101		E-RING (Ø3xØ7x0.6T)	R-E3706
102	100-5555	BEARING B-F5826 SIM	B-F5826
103	838-14891	LED BD EMU-00-R636M SIM	EMU-00-R636M
104	601-12364	O-RING R-06057 SIM	R-O6057
105	370-5239-05	PLKB1246 300T-100T	
106	124-5086-02	SOLENOID DC24V G-157-SG19	
107	280-5277	CORD CLAMP 18	
201		HEX NUT M3	HN-03NNB
202		SPRING WASHER M3	W-SP03NNB
203		FLAT WSAHER M3	W-FL03NNB
204		ROUND SEMS SCREW M3x8L	SR03-008NNB
205		ROUND SEMS SCREW M4x12L	SR04-012NNB
206		ROUND SEMS SCREW M4x8L	SR04-08NNB
207		ROUND SEMS SCREW M3x12L	SR03-012NNB

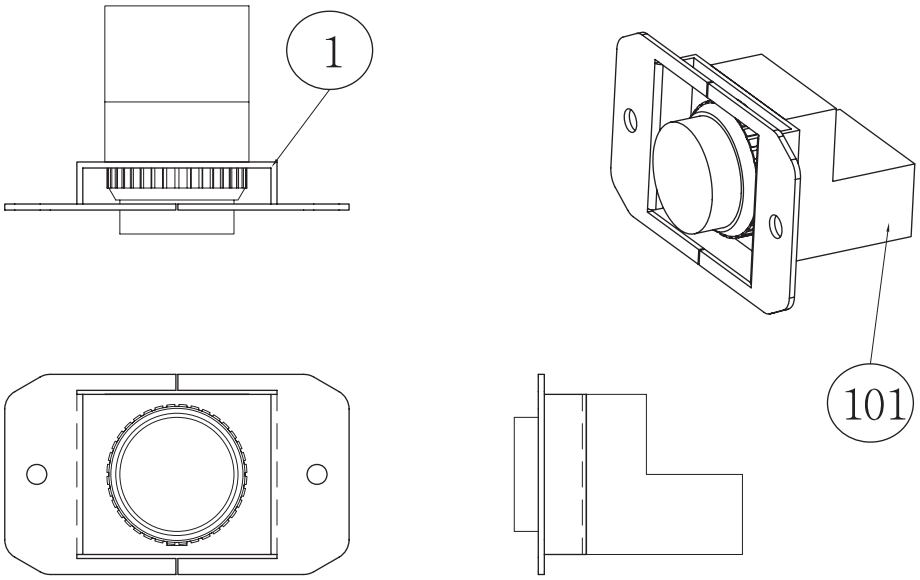
⑭ ASSY START SW (HMR-2180)





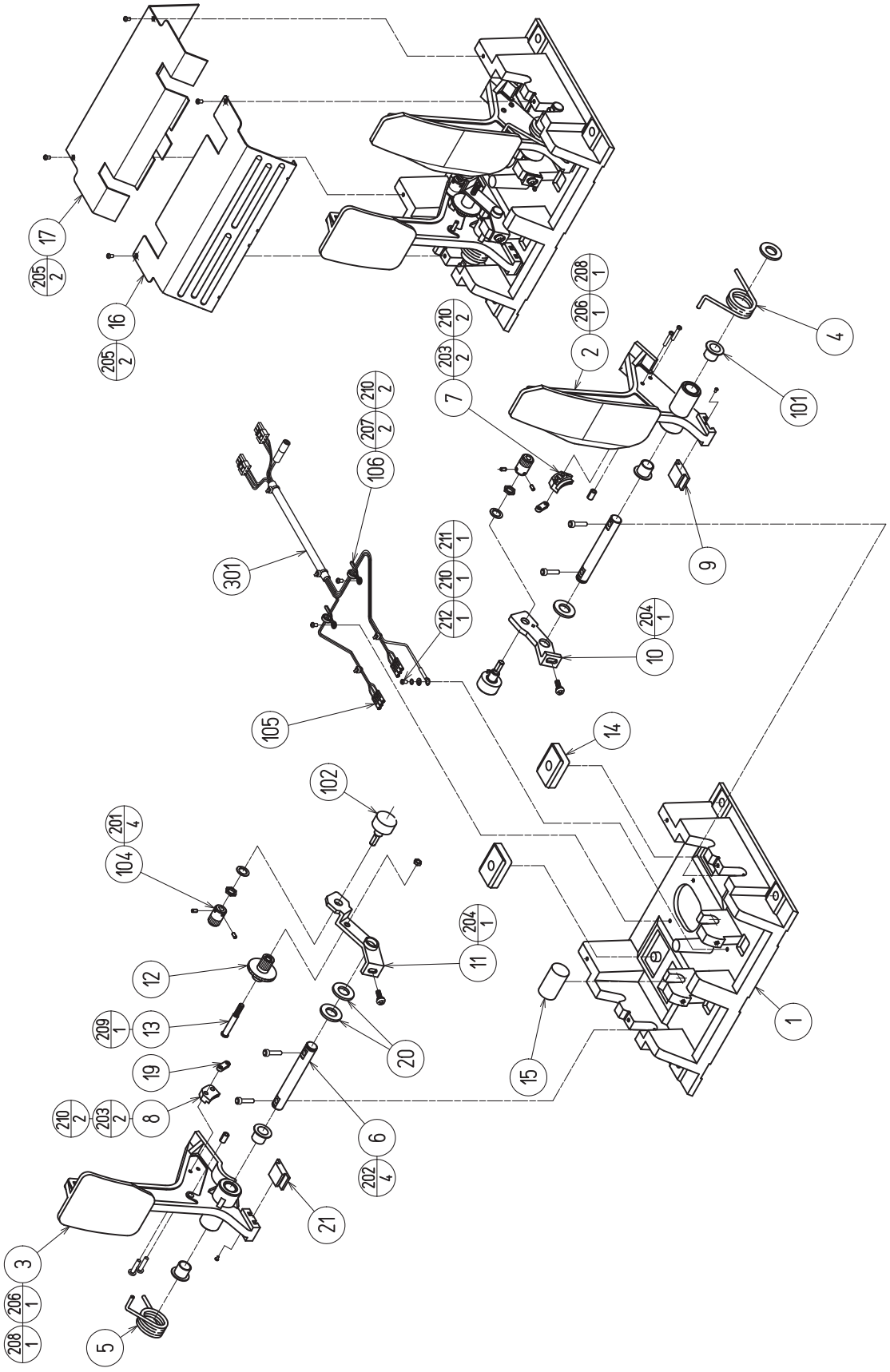
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		START SW PLATE	HMR-2181
2	HMR-2182	STICKER START SW	HMR-2182
101	509-5838-Y	PW PB LW1L-15Y-TK1670	
102	509-5495-04-91	PUSH BUTTON RED	
301		START SW (300mm)	HNR-C1-019

⑮ ASSY MOTION STOP SW (HMR-2190)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		ASSY MOTION STOP SW	HMR-2191
101	509-6109-91	PW PB ABN2F10R ROHS	
301		MOTION STOP SW (450mm)	HMR-C1-015

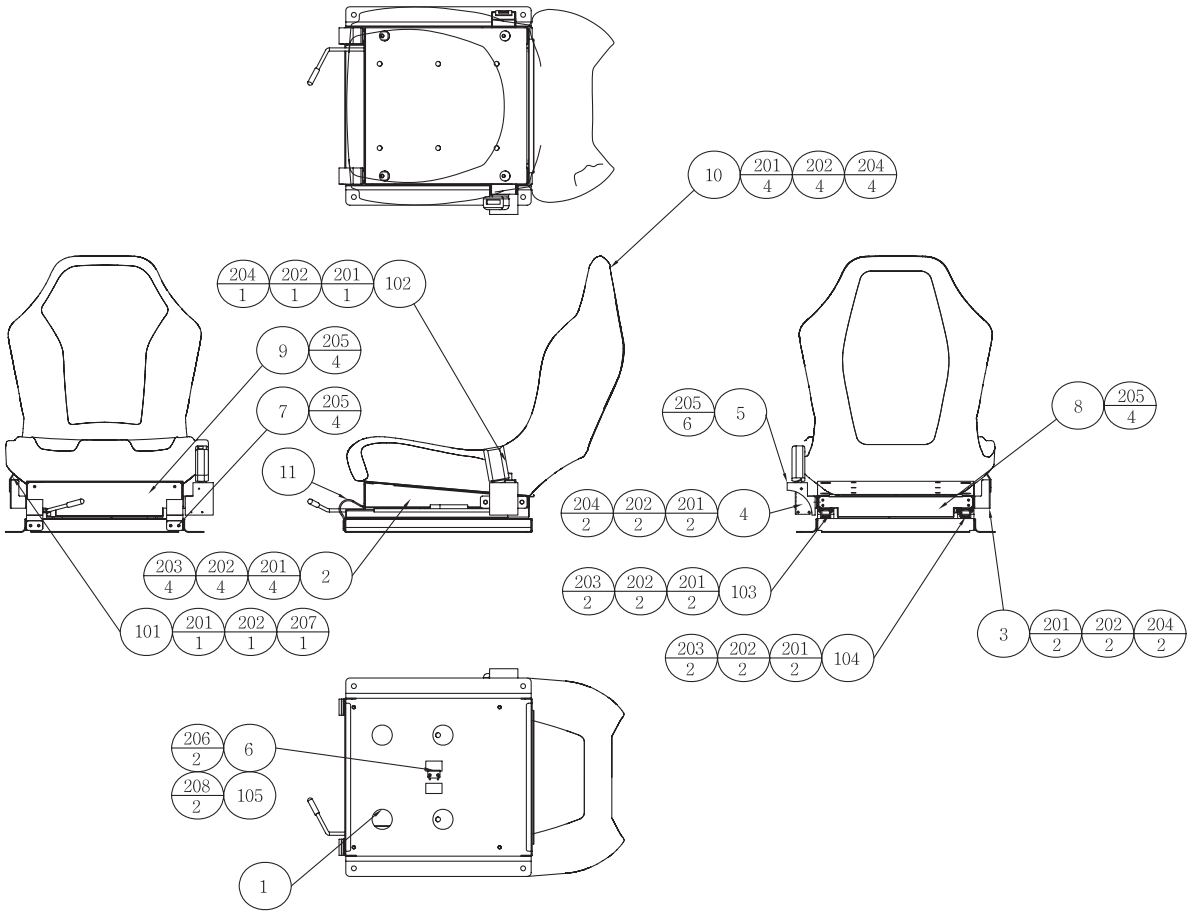
⑯ ASSY ACCEL&BRAKE (SPG-2200-01) (D-1/2)



⑯ ASSY ACCEL&BRAKE (SPG-2200-01) (D-2/2)

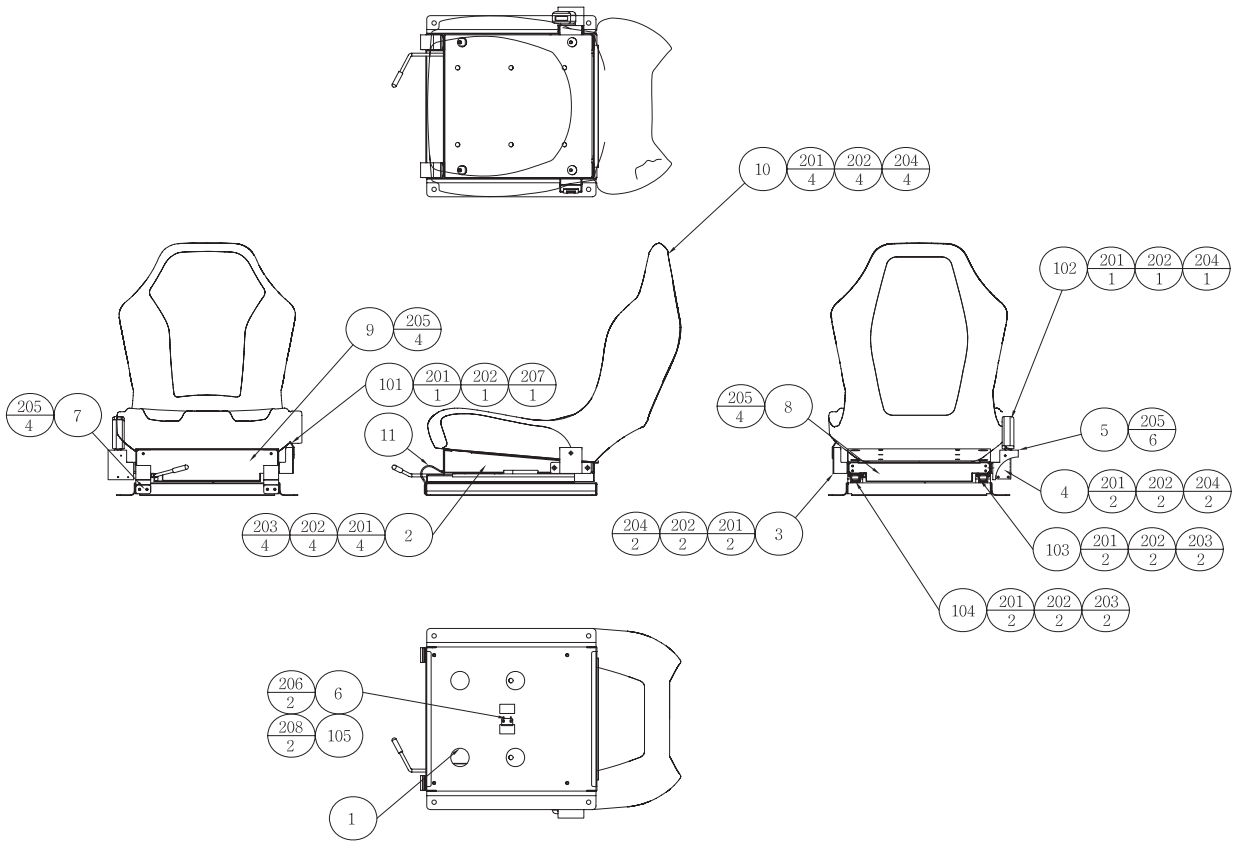
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	SPG-2201	BASE	
2	SPG-2202	ACCEL PEDAL	
3	SPG-2203	BRAKE PEDAL	
4	SPG-2204	ACCEL SPRING	
5	SPG-2205	BRAKE SPRING	
6	SPG-2206	SHAFT	
7	SPG-2207	ACCEL GEAR	
8	SPG-2208	BRAKE GEAR	
9	SPG-2209	NEUTRAL STOPPER	
10	SPG-2210	VR PLATE ACCEL	
11	SPG-2211	VR PLATE BRAKE	
12	SPG-2212	AMPL GEAR	
13	SPG-2213X	GEAR SHAFT	
14	SPG-2214	STOPPER	
15	SPG-2215	RUBBER CUSHION	
16	SPG-2216	COVER	
17	SPG-2217	VR COVER	
19	SPG-2219	GEAR STAY	
20	SPG-2220	WSHR	
21	SPG-2221	NEUTRAL STOPPER D	
101	100-5263	BEARING 12(OILES 80F-1212)	
102	220-5484	VOL CONT B-5K OHM	
102	220-5753	VOL CONT B-5K OHM (TOCOS)	
104	601-7944	GEAR 15	
105	310-5029-F15	SUMITUBE F F15MM	
106	280-0419	HARNESS LUG	
201	028-A00304-P	SET SCR HEX SKT CUP P M3x4	
202	020-000520-0Z	HEX SKT H CAP SCR BLK M5x20	
203	000-P00420	M SCR PH M4x20	
204	000-P00512-W	M SCR PH W/FS M5x12	
205	000-T00408-0C	M SCR TH CRM M4x8	
206	FAS-450005	SPR PIN BLK OZ 6x10	
207	000-P00405	M SCR PH M4x5	
208	FAS-000001	M SCR TH CRM M3x6	
209	050-H00500	HEX NUT M5	
210	060-F00400	FLT WSHR M4	
211	060-S00400	SPR WSHR M4	
212	000-P00406	M SCR PH M4x6	
301	600-6840-01	WIRE HARN ACCEL&BRAKE YL	

⑰ ASSY SEAT L (HMR-2300)



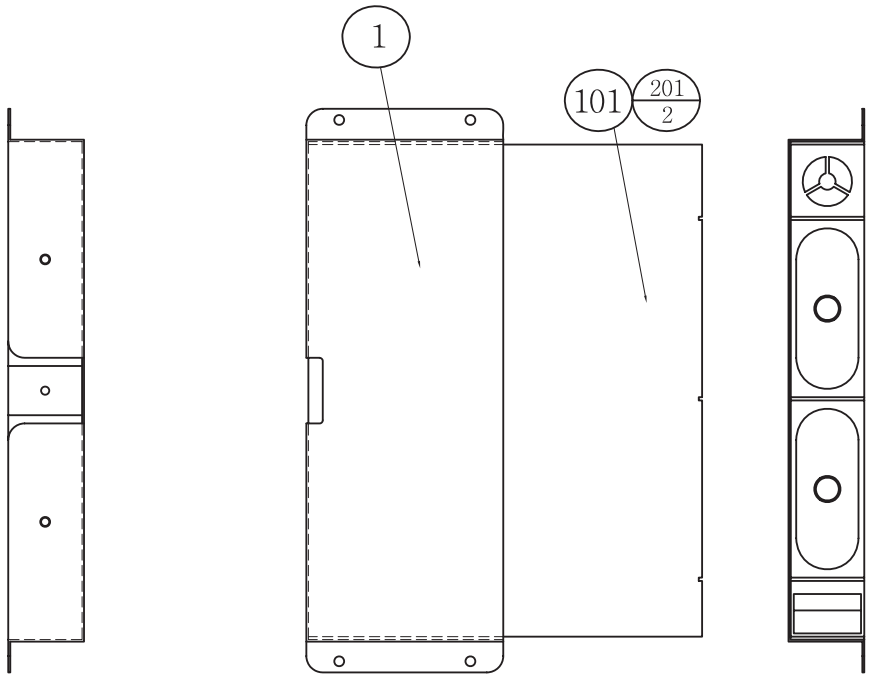
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		LOWER SEAT BASE	HMR-2301
2		UPPER SEAT BASE L	HMR-2302
3		SEAT BELT BRKT	HMR-2303
4		BUCKLE BRKT L	HMR-2304
5		SEAT BELT COVER L	HMR-2305
6		CABLE BEAR BRKT	HMR-2306
7		RUBBER PLATE	HMR-2307
8		REAR TRAY COVER	HMR-2308
9		FRONT TRAY COVER	HMR-2309
10	253-5550	PAN DRIVING SEAT	
11	SRT-2408	PROTECT RUBBER	
101	601-12351	SEAT BELT NF-SB1200 SIM	NF-SB1200
102	601-12352	BUCKLE NF-BU1200 SIM	NF-BU1200
103	601-11309-91	SEAT RAIL LONG L ROHS	
104	601-11310-91	SEAT RAIL LONG R ROHS	
105		CABLE BEAR (Z046.16.038.0-25LK) [IGUS]	Z046-25LK
201		FLAT WASHER M8	W-FL08HNB
202		SPRING WASHER M8	W-SP08HNB
203		HEX NUT M8	N-HN08HNB
204		HEX BOLT M8x20L	HB08-020HNB
205		TRUSS SCREW M4x8L	TR04-08NNB
206		ROUND HEAD SEMS SCREW M4x8L	RS04-008NNB
207		ROUND HEAD WRENCH BOLT M8x20L	RW08-020NNB
208		ROUND HEAD SEMS SCREW M3x8L	RS03-008NNB

⑱ ASSY SEAT R (HMR-2350)



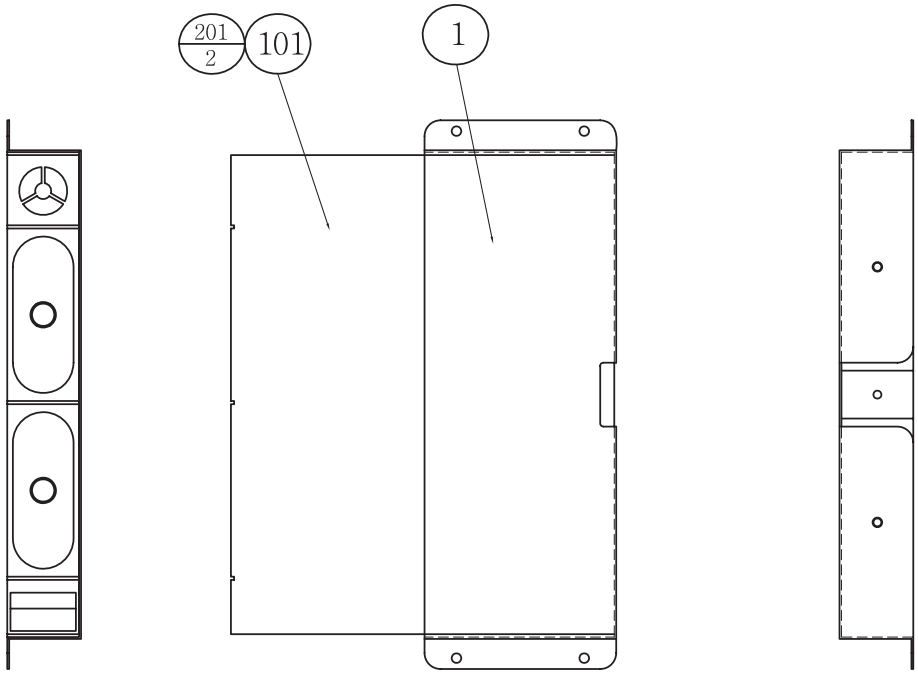
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		LOWER SEAT BASE	HMR-2301
2		UPPER SEAT BASE R	HMR-2352
3		SEAT BELT BRKT	HMR-2303
4		BUCKLE BRKT R	HMR-2354
5		SEAT BELT COVER R	HMR-2355
6		CABLE BEAR BRKT	HMR-2306
7		RUBBER PLATE	HMR-2307
8		REAR TRAY COVER	HMR-2308
9		FRONT TRAY COVER	HMR-2309
10	253-5550	PAN DRIVING SEAT	
11	SRT-2408	PROTECT RUBBER	
101	601-12351	SEAT BELT NF-SB1200 SIM	NF-SB1200
102	601-12352	BUCKLE NF-BU1200 SIM	NF-BU1200
103	601-11309-91	SEAT RAIL LONG L ROHS	
104	601-11310-91	SEAT RAIL LONG R ROHS	
105		CABLE BEAR (Z046.16.038.0-25LK) [IGUS]	Z046-25LK
201		FLAT WASHER M8	W-FL08HNB
202		SPRING WASHER M8	W-SP08HNB
203		HEX NUT M8	N-HN08HNB
204		HEX BOLT M8x20L	HB08-020HNB
205		TRUSS SCREW M4x8L	TR04-08NNB
206		ROUND HEAD SEMS SCREW M4x8L	RS04-008NNB
207		ROUND HEAD WRENCH BOLT M8x20L	RW08-020NNB
208		ROUND HEAD SEMS SCREW M3x8L	RS03-008NNB

⑲ ASSY SPEAKER L (HMR-2400)



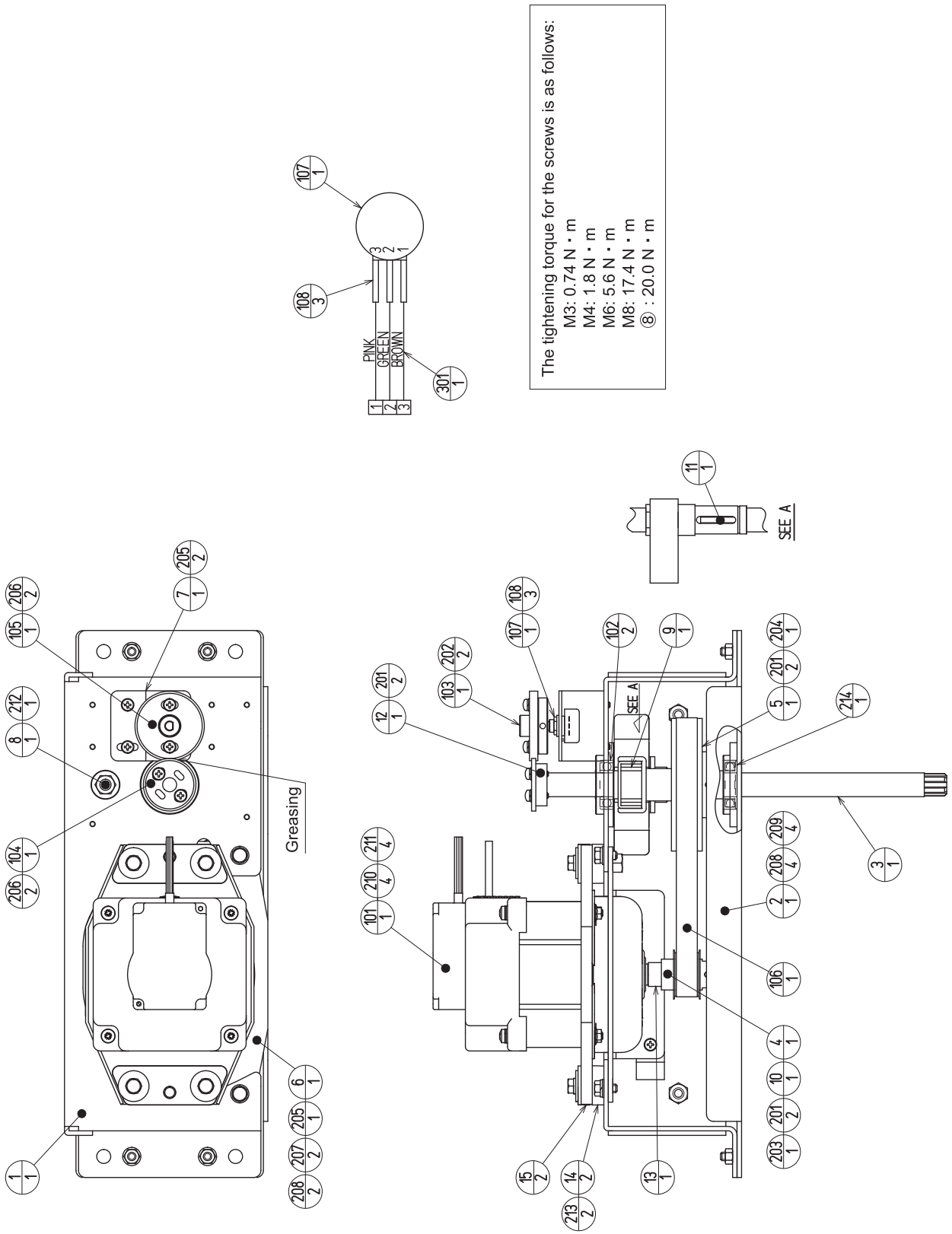
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		SPEAKER BOX	HMR-2401
101	130-5156-02-91	SPEAKER BOX 80HM 20W VA1 YL	
201		ROUND SEMS SCREW M5x8L	SR05-008NNB

20 ASSY SPEAKER R (HMR-2450)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		SPEAKER BOX	HMR-2451
101	130-5156-02-91	SPEAKER BOX 80HM 20W VA1 YL	
201		ROUND SEMS SCREW M5x8L	TR05-008NNB

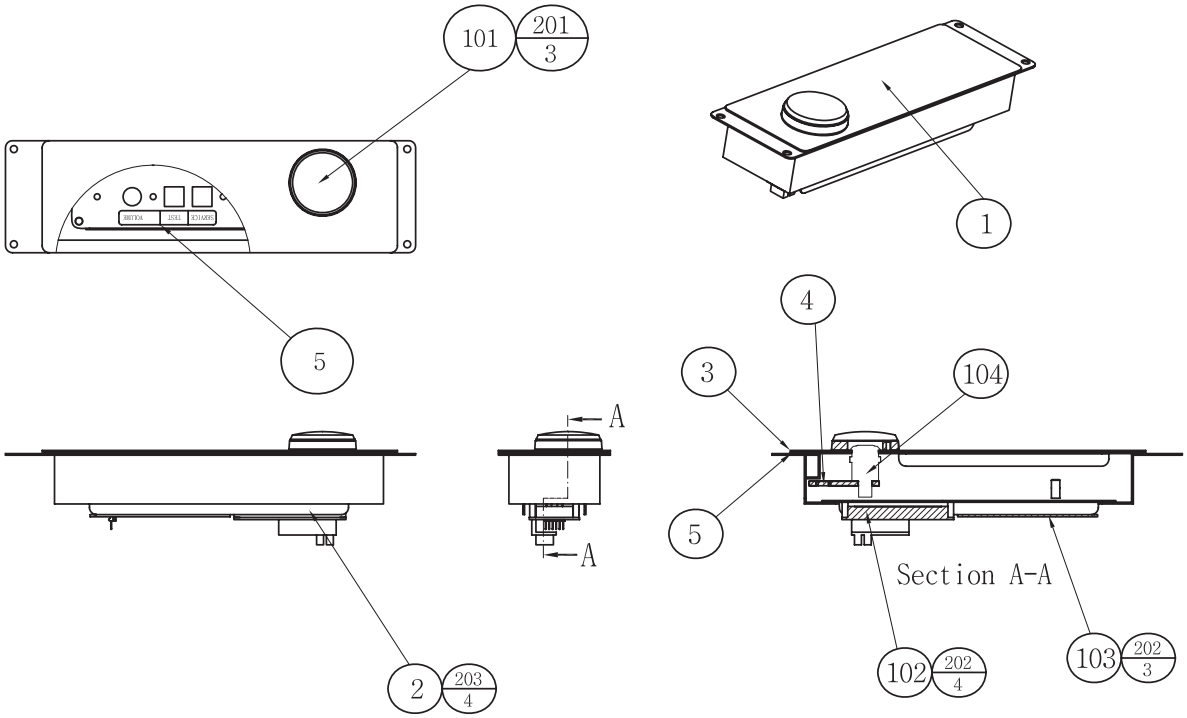
(21) ASSY HANDLE MECHA (RTV-2500) (D-1/2)



(21) ASSY HANDLE MECHA (RTV-2500) (D-2/2)

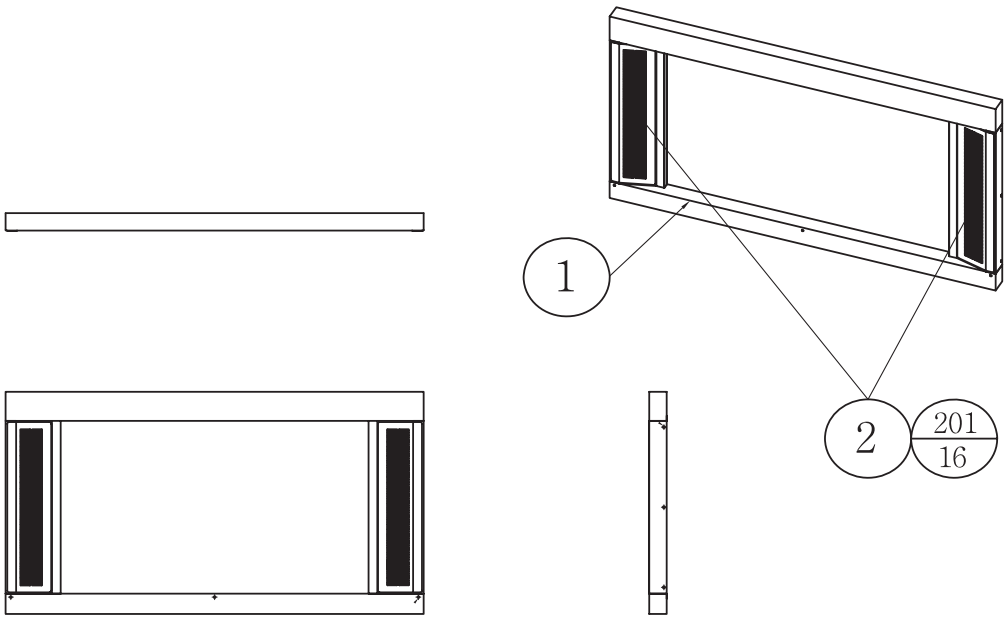
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	ORA-2501	HANDLE BASE	
2	SPG-2502	BASE LID	
3	ORA-2502	HANDLE SHAFT	
4	SPG-2504	PULLEY 20 S5M	
5	SPG-2505	PULLEY 60 S5M	
6	ORA-2503	MOTOR BRKT	
7	ORA-2504	VR BRKT	
8	ORA-2505	STOPPER BOLT	
9	ORA-2506	STOPPER RUBBER	
10	SPG-2453	KEY 4x4x40	
11	DYN-1270	STOPPER KEY	
12	SLC-1130	ADJUST RING	
13	ORA-2507	MOTOR SHAFT COLLAR	
14	253-5592	MOTOR INSULATOR A	
15	253-5593	MOTOR INSULATOR B	
101	350-5805-02	SERVO MOTOR W/FG SIDE TYPE	
102	100-5112	BEARING 17 (NSK 6003ZZ)	
103	601-8966	GEAR HOLDER	
104	601-6172	GEAR 48	
105	601-6959	GEAR 64	
106	601-9173	TIMING BELT (150 S5M 475)	
107	220-5484	VOL CONT B-5K OHM	
107	220-5753	VOL CONT B-5K OHM (TOCOS)	
201	028-A00408-P	SET SCR HEX SKT CUP P M4x8	
202	028-A00308-P	SET SCR HEX SKT CUP P M3x8	
203	065-S012S0-Z	STP RING BLK OZ S12	
204	065-S020S0-Z	STP RING BLK OZ S20	
205	000-P00408-W	M SCR PH W/FS M4x8	
206	000-P00412-W	M SCR PH W/FS M4x12	
207	030-000612-S	HEX BLT W/S M6x12	
208	060-F00600	FLT WSHR M6	
209	050-U00600	U NUT M6	
210	030-000840-S	HEX BLT W/S M8x40	
211	068-852216	FLT WSHR 8.5-22x1.6	
212	060-S01200	SPR WSHR M12	
213	012-P00412	TAP SCR #2 PH 4x12	
214	FAS-650023	WAVE WSHR 26.4-34.2x0.3	
301	600-6866-01	WIRE HARN ASSY HANDLE MECHA VR	

(22) SW UNIT (HMR-2600)



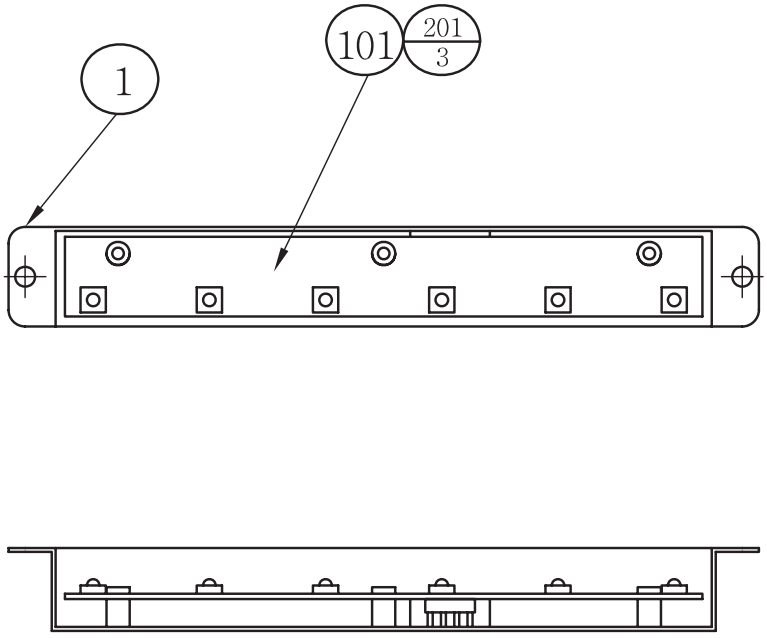
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		SW UNIT BOX	HMR-2601
2		SW UNIT PLATE	HMR-2602
3		RUBBER PLATE	HMR-2603
4		TNG BASE	HMR-3253
5		STICKER SW UNIT	HMR-2604
101	601-11714	CYLINDER CAP TOCHIGIYA TL-276	
102	838-14888	LCD BD ESU-05-R076P SIM	ESU-05-R076P
103	838-14548-01	SW & C VOL BD	
104	220-5793-1-A001	CLY LOCK MASTER W/O KEY	
105		ZCAT2035-0930 [TDK]	EEC-30-R202P
201		FLUSH SCREW M3x10L	FL03-010NNW
202		ROUND SEMS SCREW M3x8L	SR03-008NNB
203		ROUND SEMS SCREW M4x8L	SR04-008NNB
301		LCD MODULE, SERVICE TEST (300mm, 200mm)	HMR-C2-002

㉓ ASSY MONITOR MASK (HMR-2700)



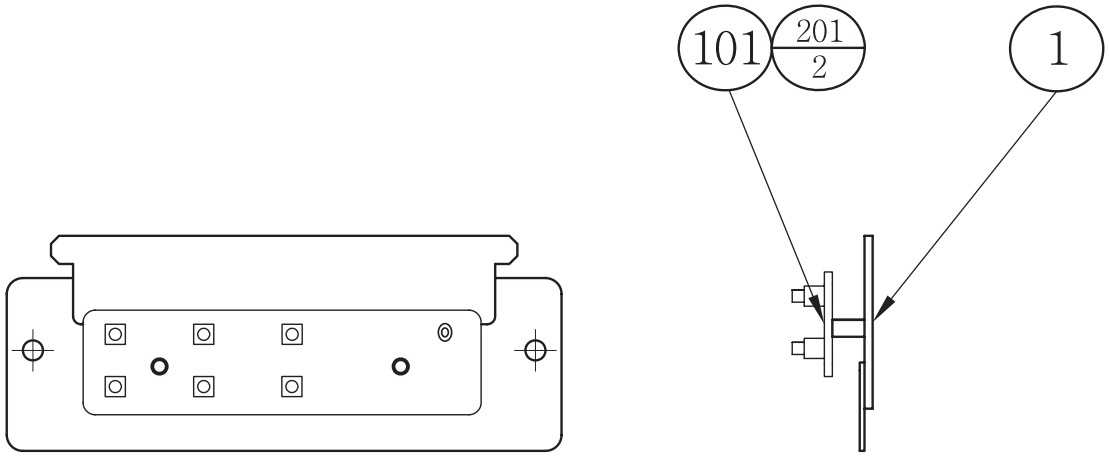
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		MONITOR MASK	HMR-2701
2		SPEAKER MASK	HMR-2702
201		FLANGE NUT M4	FH-04NNS

(24) ASSY LED BAR ORANGE (HMR-2750)



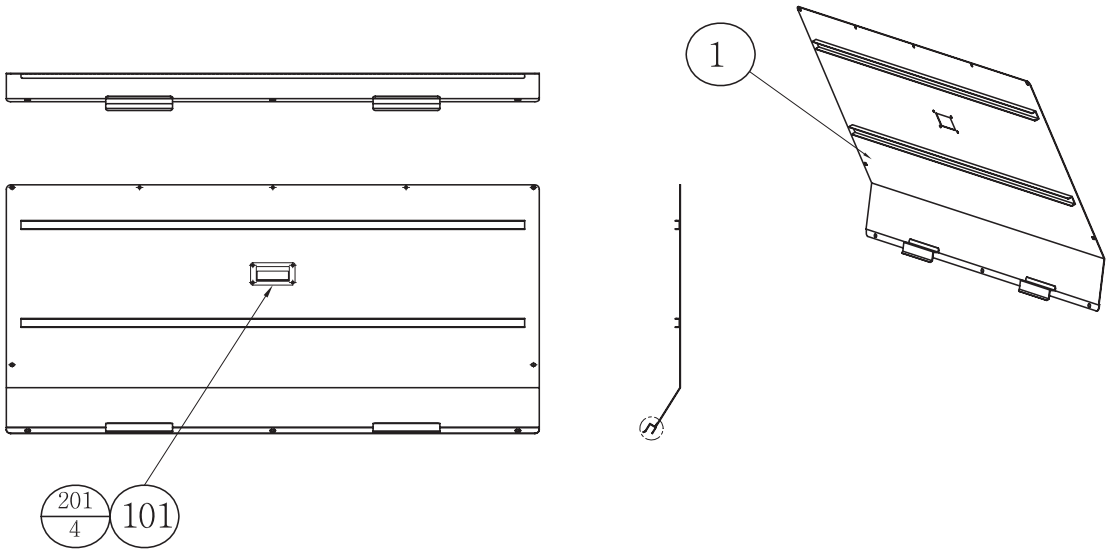
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		LED BAR ORANGE BOX	HMR-2751
101	838-14890	LED BD ESU-00-RA01P SIM	ESU-00-RA01P
201		ROUND SEMS SCREW M3x8L	SR03-008NNW

(25) ASSY MONITOR CTRL (HMR-2800)



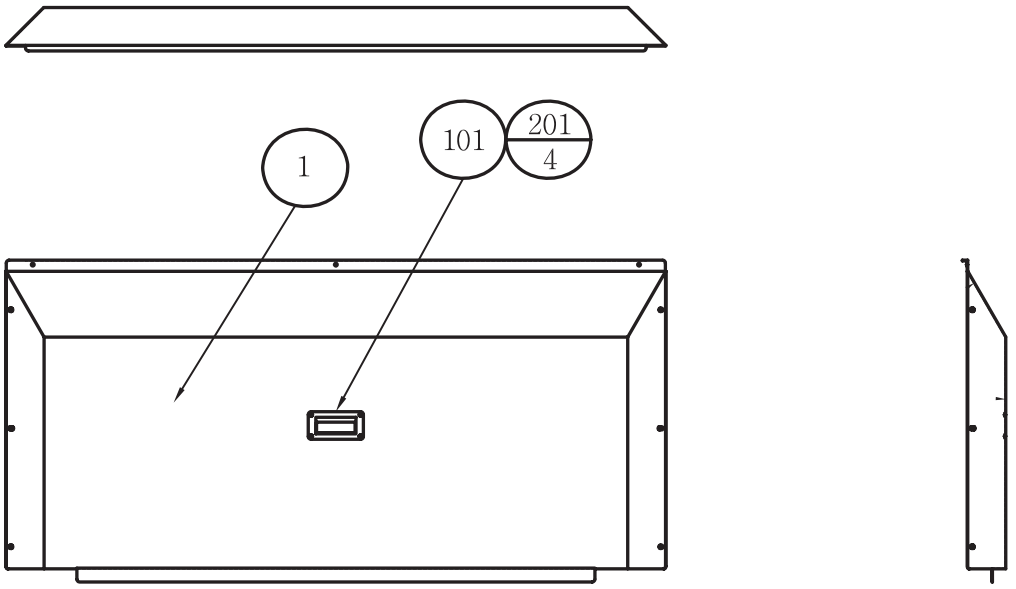
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		MONITOR CTRL PLATE	HMR-2801
101		MONITOR CTRL BD	ESU-00-0R807P
201		ROUND SEMS SCREW M3x8L	SR03-008NNW

㉖ ASSY UPPER FRONT COVER (HMR-2900)



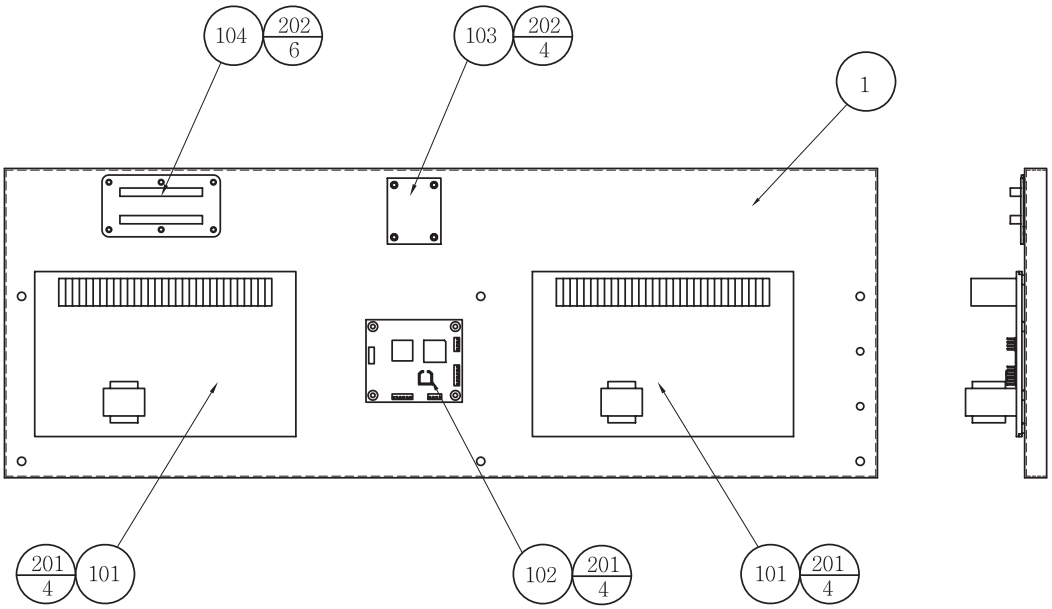
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		UPPER FRONT COVER	HMR-2901
101		GRIP	WJSJ-002
201		FLUSH SCREW M4x8L	FS04-008NNW

(27) ASSY LOWER FRONT COVER (HMR-2950)



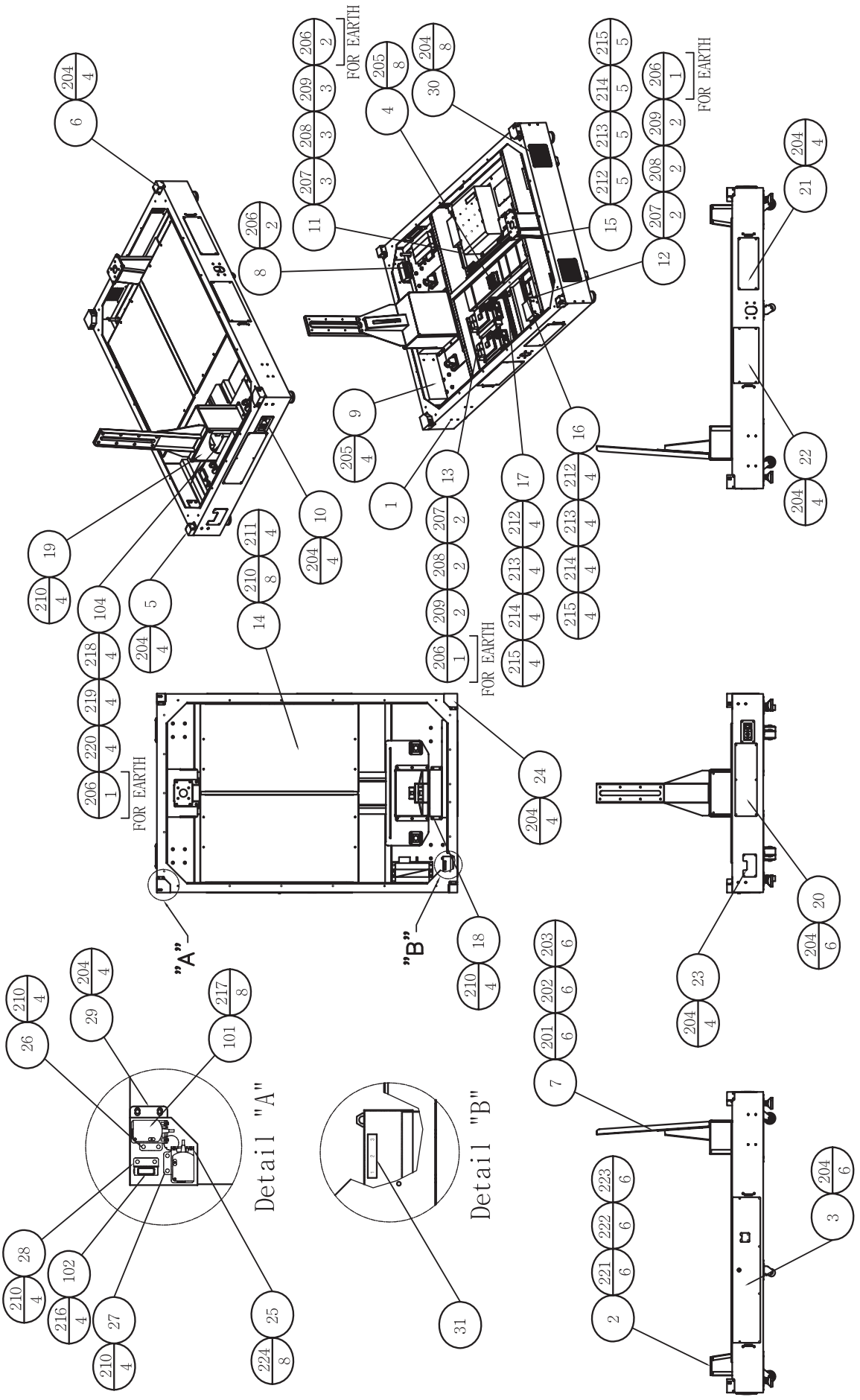
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		LOWER FRONT COVER	HMR-2951
101		GRIP	WJSJ-002
201		FLUSH SCREW M4x8L	FS04-008NNS

㉘ ASSY HANDLE MOTOR DRIVER (HMR-4300)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		HANDLE MOTOR DRIVER PLATE	HMR-4301
101	838-14592-01	SERVO MOTOR DRIVER BD SER	
102	838-14597	MOTOR DRIVE SWITCH BD	
103	838-14887	BOOST BD EMU-00-R634M SIM	EMU-00-R634M
104		CONNECTION BD 50P	EMU-00-R632M
105		CABLE TIE J-140 BLK	EEC-10-R071P
201		ROUND SEMS SCREW M3X20L	SR03-020NNW
202		ROUND SEMS SCREW M3X6L	SR03-006NNW
301		DRIVER SW BD TO RS422 MOTOR DRIVER[R] (360mm)	HMR-C2-020
302		DRIVER SW BD TO RS422 MOTOR DRIVER[L] (450mm)	HMR-C2-021
303		AC100V TO MOTOR DRIVER[L],[R](2) (600mm,600mm)	HMR-C2-022
304		MOTOR DRIVER[L] TO HANDLE ENCODER (1070mm)	HMR-C2-024
305		MOTOR DRIVER[L] TO HANDLE POWER (1250mm)	HMR-C2-025
308		MOTOR DRIVER[R] TO HANDLE ENCODER (670mm)	HMR-C2-028
309		MOTOR DRIVER[R] TO HANDLE POWER (800mm)	HMR-C2-029
312		CABIN1 CONNECTION BD1 RA-5011[JST]	HMR-C1-002
313		BOOST BD TO BOOST SW, LAMP BD(1)	HMR-C1-010
314		BOOST BD TO BOOST SOLEN01D	HMR-C1-011

29 ASSY MECHA BASE (HMR-3000) (D-1/3)



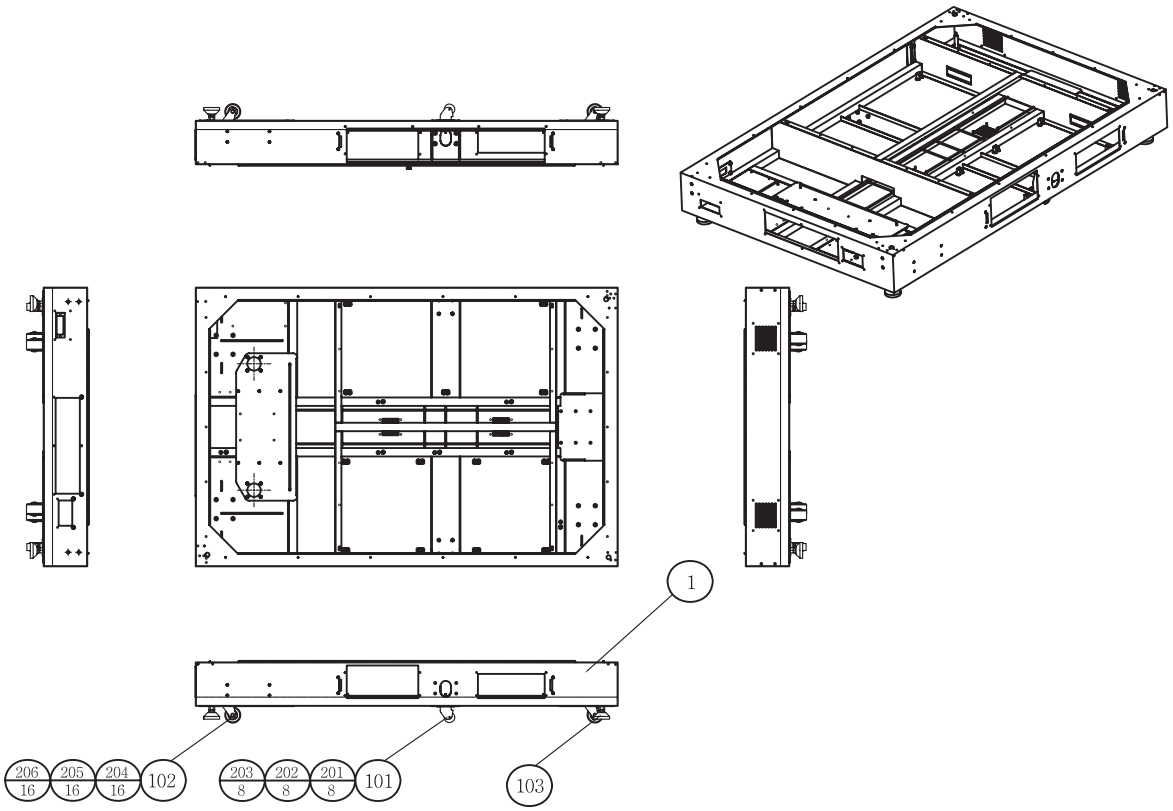
㉙ ASSY MECHA BASE (HMR-3000) (D-2/3)

ITEM NO.	PART NO.	DESCRIPTION	NOTE
1	HMR-3100	ASSY SUB CABI MECHA BASE	HMR-3100
2	HMR-3200	ASSY BALL JOINT BASE	HMR-3200
3	HMR-3250	ASSY BASE SIDE DOOR	HMR-3250
4	HMR-3300	FAN UNIT	HMR-3300
5	HMR-3400	ASSY FRONT REFLECTOR	HMR-3400
6	HMR-3450	ASSY REAR REFLECTOR	HMR-3450
7	HMR-3500	ASSY GUIDE RAIL	HMR-3500
8	HMR-3600	ASSY LAN CONNECTOR	HMR-3600
9	HMR-3700	AC UNIT	HMR-3700
10	HMR-3800	ASSY AC IN	HMR-3800
11	HMR-4000	ASSY MAIN ELEC	HMR-4000
12	HMR-4100	ASSY SUB ELEC	HMR-4100
13	HMR-4200	ASSY ACTUATOR DRIVER	HMR-4200
14		ELEC COVER	HMR-3001
15		MAIN ELEC SUB PLATE	HMR-3002
16		SUB ELEC SUB PLATE	HMR-3003
17		CONT UNIT SUB PLATE	HMR-3004
18		AC UNIT WIRE COVER	HMR-3005
19		TRANS COVER	HMR-3006
20		AC UNIT COVER	HMR-3007
21		SUB ELEC COVER	HMR-3008
22		CONT UNIT COVER	HMR-3009
23		LAN CONNECTOR COVER	HMR-3010
24		FRONT SENSOR COVER	HMR-3011
25		FOOT SENSOR FIX BRKT	HMR-3012
26		SENSOR ADJUST BRKT-L	HMR-3013
27		SENSOR ADJUST BRKT-R	HMR-3014
28		ZD SENSOR BRKT	HMR-3015
29		REAR SENSOR COVER	HMR-3016
30	253-5460-01	AIR VENT BLACK	
31		STICKER LAN CONNECTION BD COVER	HMR-3017
101	370-5328	PHOTO SENSOR ESU-05-R046P SIM	ESU-05-R046P
102	370-5286	PHOTO SENSOR ZD-L09N OPTEX	
103	280-5277	CORD CLAMP 18	
104		MAIN TRANS	EMU-40-R105M
201		HEX BOLT M8x25L	HB08-025HNB
202		FLAT WASHER M8	W-FL8HNB
203		SPRING WASHER M8	W-SP8HNB
204		TRUSS SCREW M4x8L	TR04-008NNB
205		FLANGE NUT M4	FH-04NNS
206		ROUND SEMS SCREW M4x8L	SR04-008NNW
207		WING SCREW M4x20L	WB04-016NNB
208		FLAT WASHER M4 [LARGE]	W-FL04NNB
209		SPRING WASHER M4	W-SP04NNB
210		ROUND HEAD SEMS SCREW M4x8L	RS04-008NNB
211		WING NUT M5	N-TB05NNB
212		SPRING WASHER M5	W-SP05NNB
213		FLAT WASHER M5	W-FL05NNB
214		HEX NUT M5	N-HN05HNB
215		VIBROISOLATION BOLT M5x14L	VB0514-1514
216		ROUND SEMS SCREW M3x10L	SR03-010NNB
217		ROUND SEMS SCREW M3x20L	SR03-020NNB
218		WRENCH SCREW M6x15L	WR06-015HNB
219		FLAT WASHER M6	W-FL06HNB
220		SPRING WASHER M6	W-SP06HNB
221		HEX BOLT M10x30L	HB10-030HNB
222		FLAT WASHER M10	W-FL10HNB
223		SPRING WASHER M10	W-SP10HNB
224		ROUND SEMS SCREW M3X8L	SR03-008NNB

㉙ ASSY MECHA BASE (HMR-3000) (D-3/3)

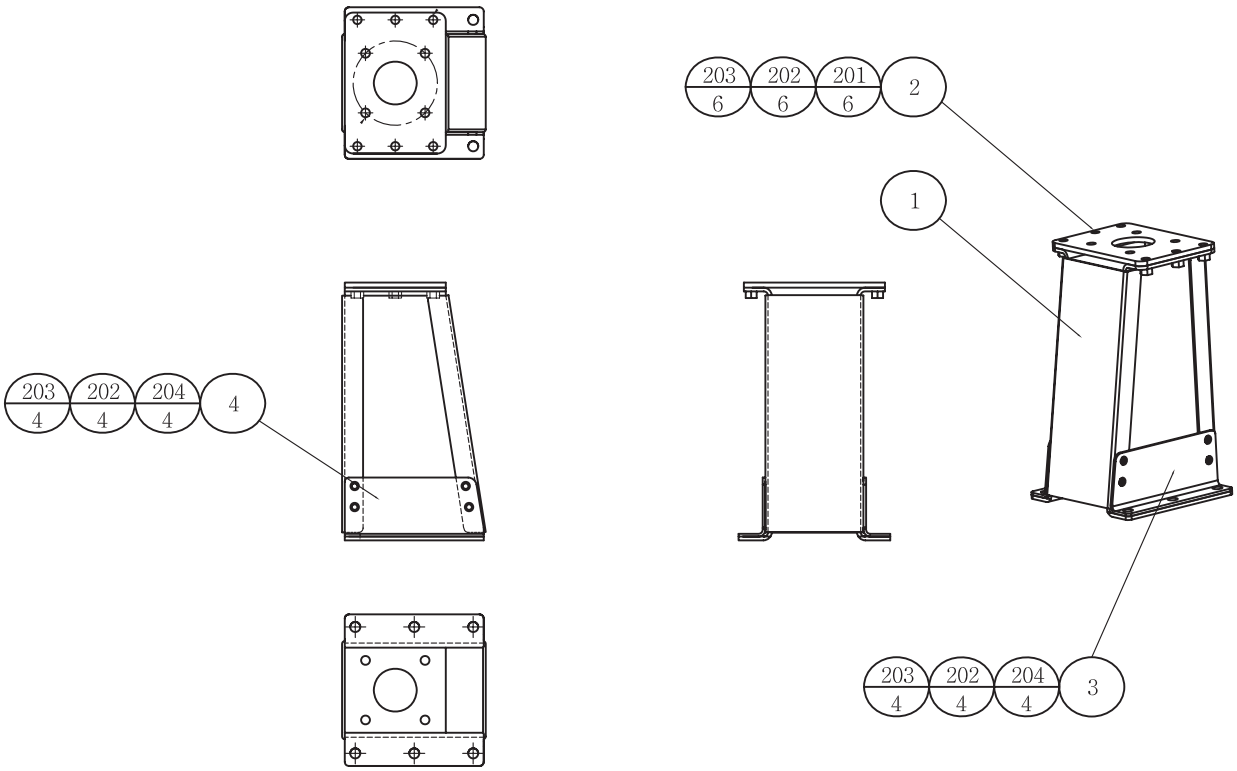
ITEM NO.	PART NO.	DESCRIPTION	NOTE
301		RA-3411[JST] TO REAR SENSOR (800mm)	HMR-C2-008
302		RA-3411[JST] TO RIGHT SENSOR (800mm)	HMR-C2-009
303		RA-3411[JST] TO FRONT SENSOR (800mm)	HMR-C2-012
304		RA-3411[JST] TO LEFT SENSOR (800mm)	HMR-C2-013
305		COIN CHUTE TOWER EXTERNAL AC220V (1850mm)	HMR-C2-016
306		HANDLE DRIVER BD PNL EARTH LINE (320mm)	HMR-C2-033
307		DC 5557-12P SW REGU TO COIN CHUTE (2) (2000mm)	HMR-C2-034
308		CABIN PNL EARTH LINE (2830mm)	HMR-A-019
309		SCU EARTH LINE (400mm)	HMR-A-020
310		POU EARTH LINE (600mm)	HMR-A-021
311		MCU EARTH LINE ((500mm)	HMR-A-022
312		AC BLACK&WHITE LINE TB TO MAIN TRANS(2) (470mm)	HMR-A-015
313		AC220V TO POU (400mm)	HMR-A-016
314		AC100,110V TO POU (400mm)	HMR-A-017
315		MAIN TRANS EARTH LINE (340mm)	HMR-A-018
316		AC110V (1) TO SCU SW REGU (2100mm)	HMR-S-004
317		AC100/110V(1) INPUT (2100mm)	HMR-P-001
318		HUB DC JACK (2100mm)	HMR-P-006
319		DC5V ,12V, 24V (1) TO SCU (1370mm)	HMR-P-008
320		BASE DC12V FAN 1,2(2) (670mm, 1000mm)	HMR-P-011
321		AC220V (2) ACU TO JC BD AC220V (2150mm)	HMR-P-020
322		AC220V (2) JC BD AC220V TO MCU (2000mm)	HMR-P-022
323		AC220V (2) JC BD AC220V TO MONITOR (3090mm)	HMR-P-024
324		DC12V, 5V (2) DC0512 JC BD2 TO MCU (1570mm)	HMR-P-026
325		CAN MOTOR DRIVER BD1 TO SCU (1850mm)	HMR-M-007
326		MOTOR1 ENCODER, LIMIT (1940mm)	HMR-M-008
327		MOTOR2 ENCODER, LIMIT (1770mm)	HMR-M-009
328		MOTOR POWER(2) BD1,BD2 (980mm,1140mm)	HMR-M-019

(30) ASSY SUB CABI MECHA BASE (HMR-3100)



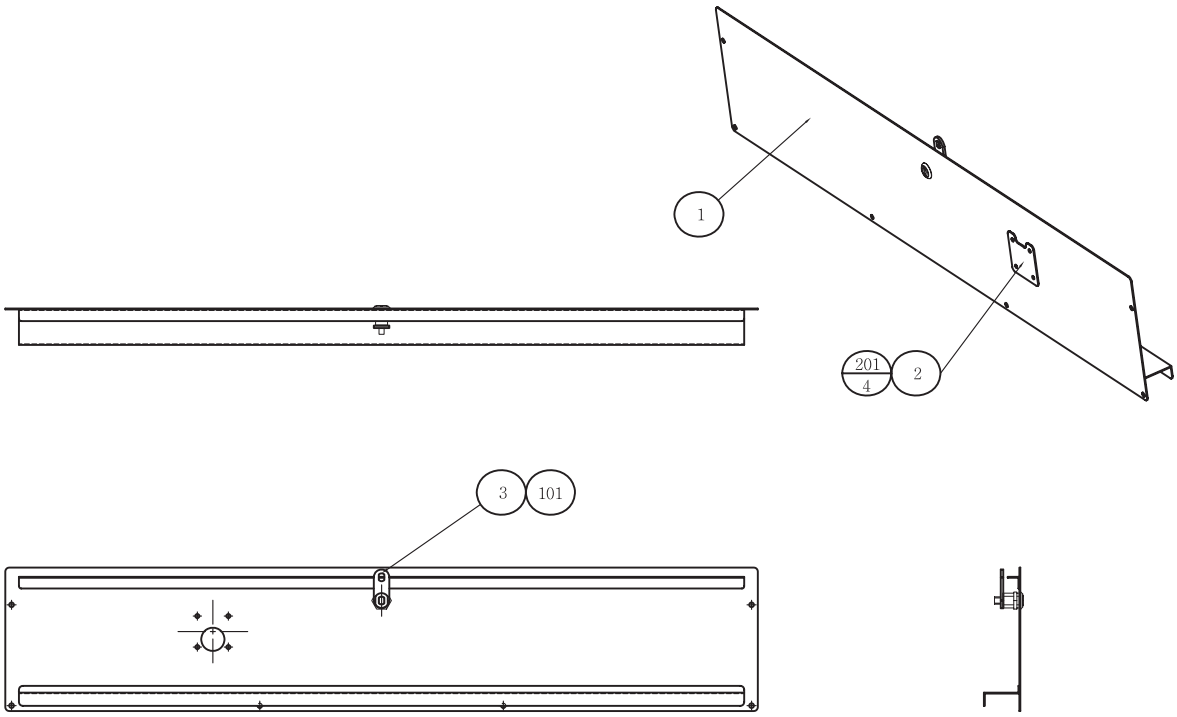
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		MECHA BASE	HMR-3101
101		CASTER 2.0" [SAMSONG]	TP-9520
102		CASTER 3" [JOONG WON]	JW-FC76-51S
103		LEVEL FOOT M16x130L	A-16-130-78
201		HEX BOLT M8x20L	HB08-020HNB
202		FLAT WASHER M8	W-FL08HNB
203		SPRING WASHER M8	W-SP08HNB
204		HEX BOLT M10x25L	HB10-030HNB
205		FLAT WASHER M10	W-FL10HNB
206		SPRING WASHER M10	W-SP10HNB

31 ASSY BALL JOINT BASE (HMR-3200)



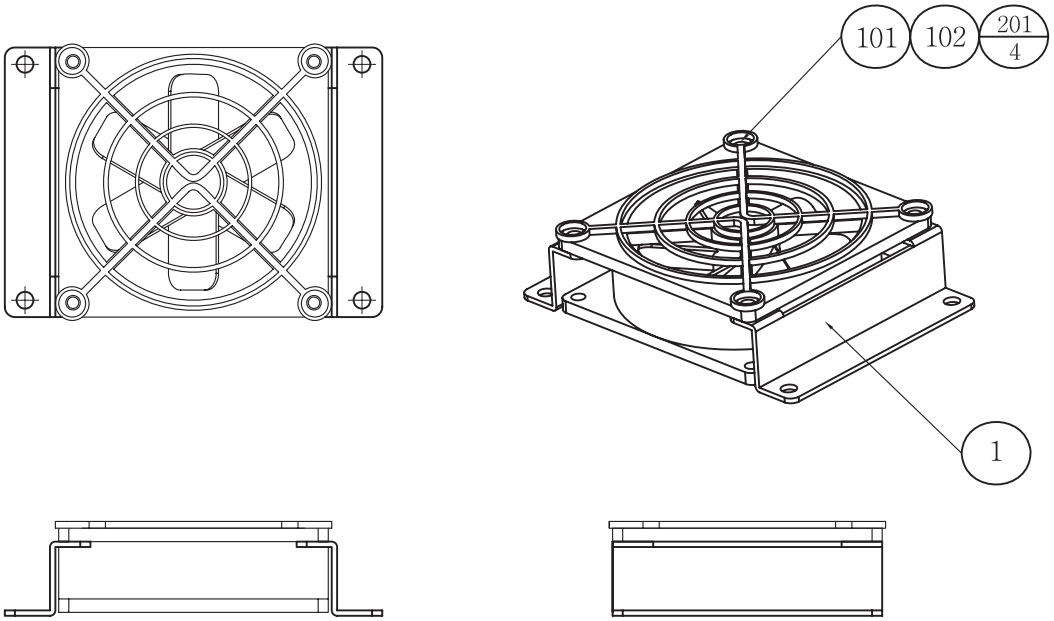
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BALL JOINT BASE	HMR-3201
2		BALL JOINT FIX PLATE	HMR-3202
3		BASE FIX BRKT-L	HMR-3203
4		BASE FIX BRKT-R	HMR-3204
201		HEX BOLT M8x25L	HB08-020HNB
202		FLAT WASHER M8	W-FL08HNB
203		SPRING WASHER M8	W-SP08HNB

(32) ASSY BASE SIDE DOOR (HMR-3250)



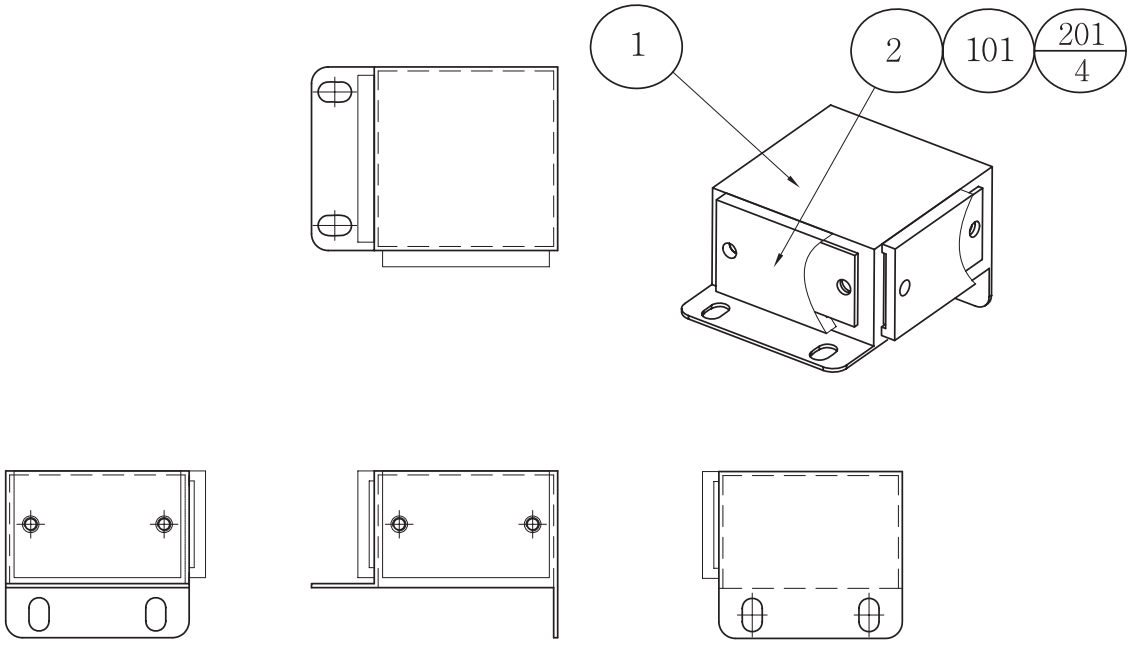
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BASE SIDE DOOR	HMR-3251
2		PLATE DVD	HMR-3252
3		TNG BASE	HMR-3253
101	220-5793-1-A001	CYL LOCK MASTER W/O KEY	
201		TRUSS SCREW M4x8L	TR04-008NNB

㉝ FAN UNIT (HMR-3300)



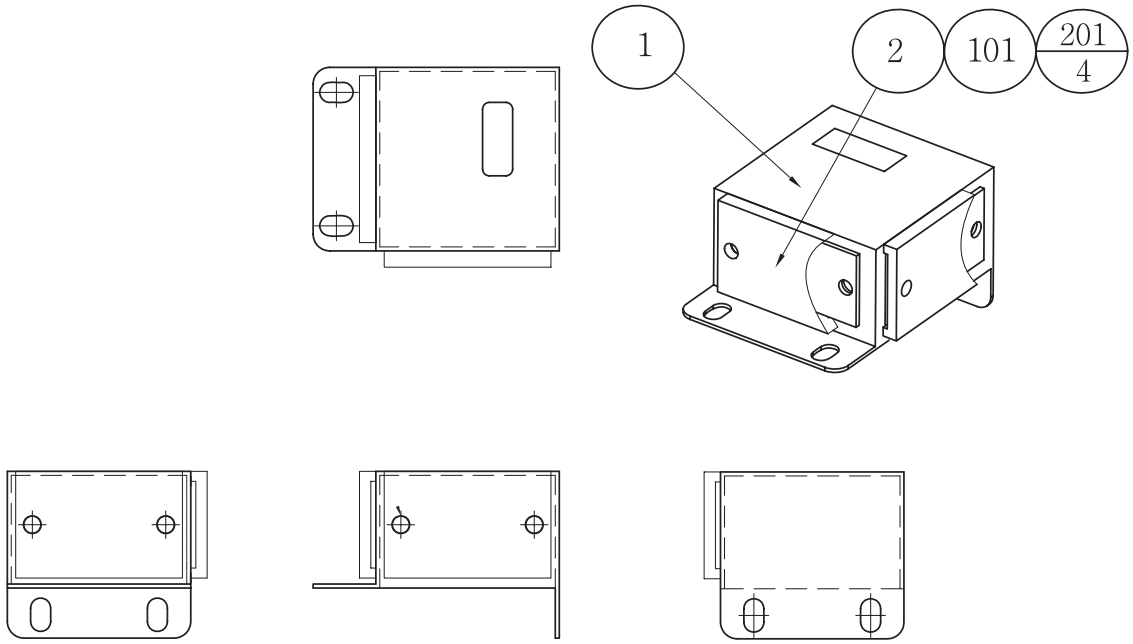
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		FAN BRKT	HMR-3301
101		FAN GUIDE	EEC-10-R056P
102	260-0114	FAN MOTOR EMU-21-R106P SIM	EMU-21-R106P
201		ROUND SEMS SCREW M4x12L	SR04-012NNB
301		BASE DC12V FAN 1 (200mm)	HMR-P-012
302		BASE DC12V FAN 2 (200mm)	HMR-P-013

(34) ASSY FRONT REFLECTOR (HMR-3400)



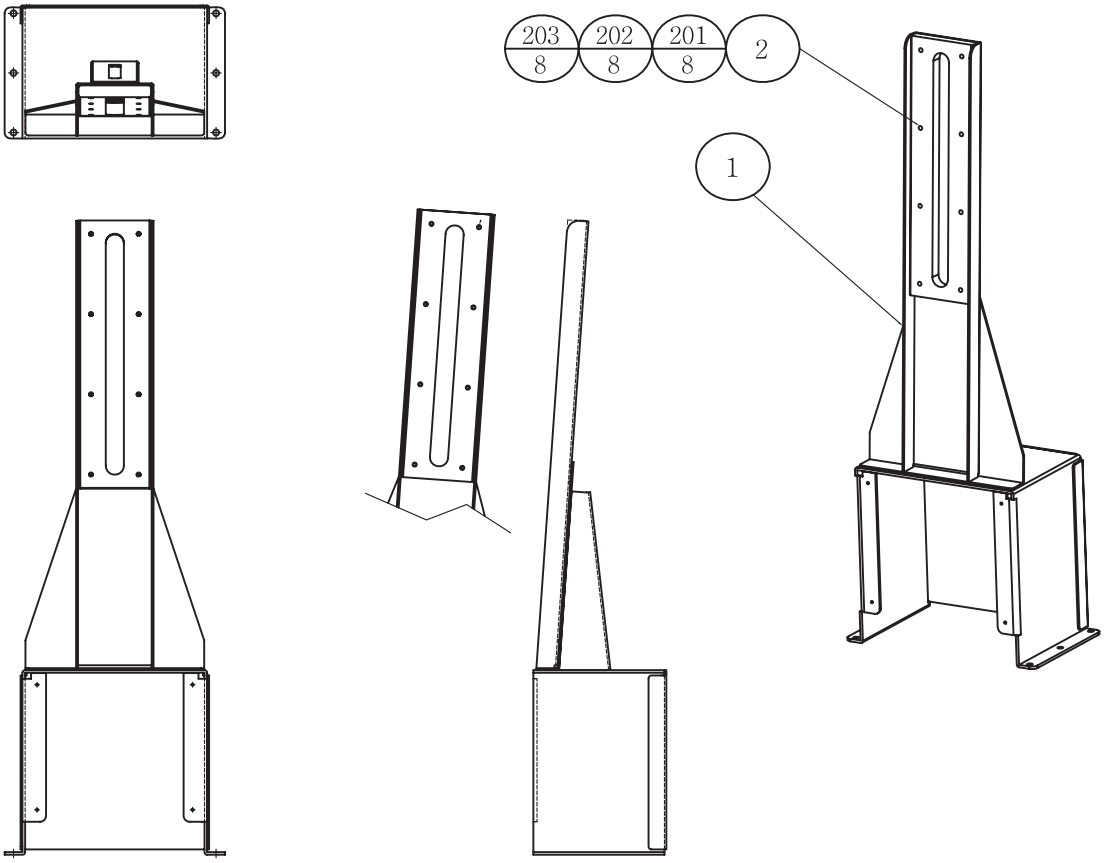
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		FRONT REFLECTOR BOX	HMR-3401
2		REFLECTOR SUPPORT PLATE	HMR-3402
101		MECHATEM REFLECTOR [KEO SAMG]	ESU-05-R047P
201		TRUSS SCREW M4x12L	TR04-012NNB

㉟ ASSY REAR REFLECTOR (HMR-3450)



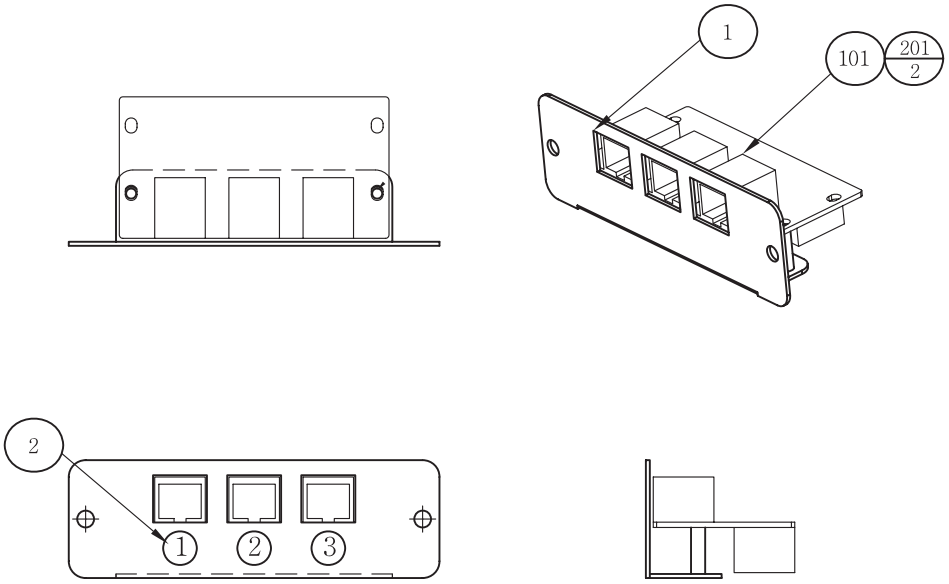
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		REAE REFLECTOR BOX	HMR-3451
2		REFLECTOR SUPPORT PLATE	HMR-3402
101		MECHATEM REFLECTOR [KEO SAMG]	ESU-05-R047P
201		TRUSS SCREW M4x12L	TR04-012NNB

㊱ ASSY GUIDE RAIL (HMR-3500)



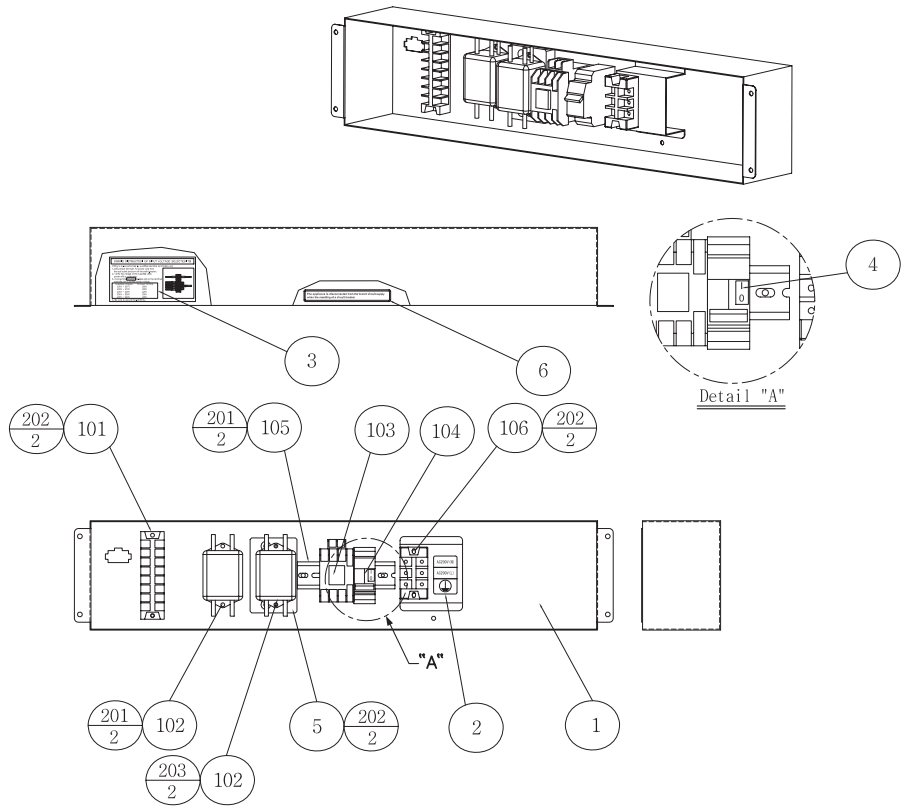
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		GUIDE RAIL BASE	HMR-3501
2		GUIDE RAIL BLOCK	HMR-3502
201		WRENCH SCREW M6x30L	WR06-030HNB
202		FLAT WASHER M6	W-FL06HNB
203		SPRING WASHER M6	W-SP06HNB

(37) ASSY LAN CONNECTOR (HMR-3600)



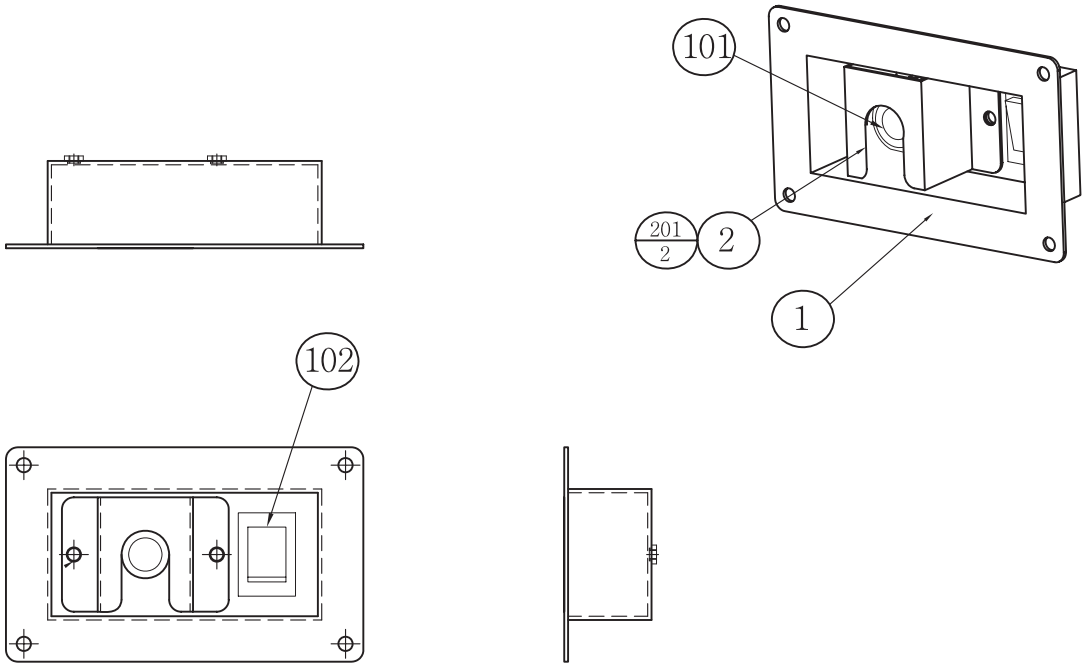
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		LAN CONNECTOR PLATE	HMR-3601
2		STICKER LAN CONNECTOR NUMBER	HMR-3602
101		LAN CONNECTION BD	EMU-00-R630M
201		ROUND SEMS SCREW M3x8L	SR03-008NNW

㊳ AC UNIT (HMR-3700)



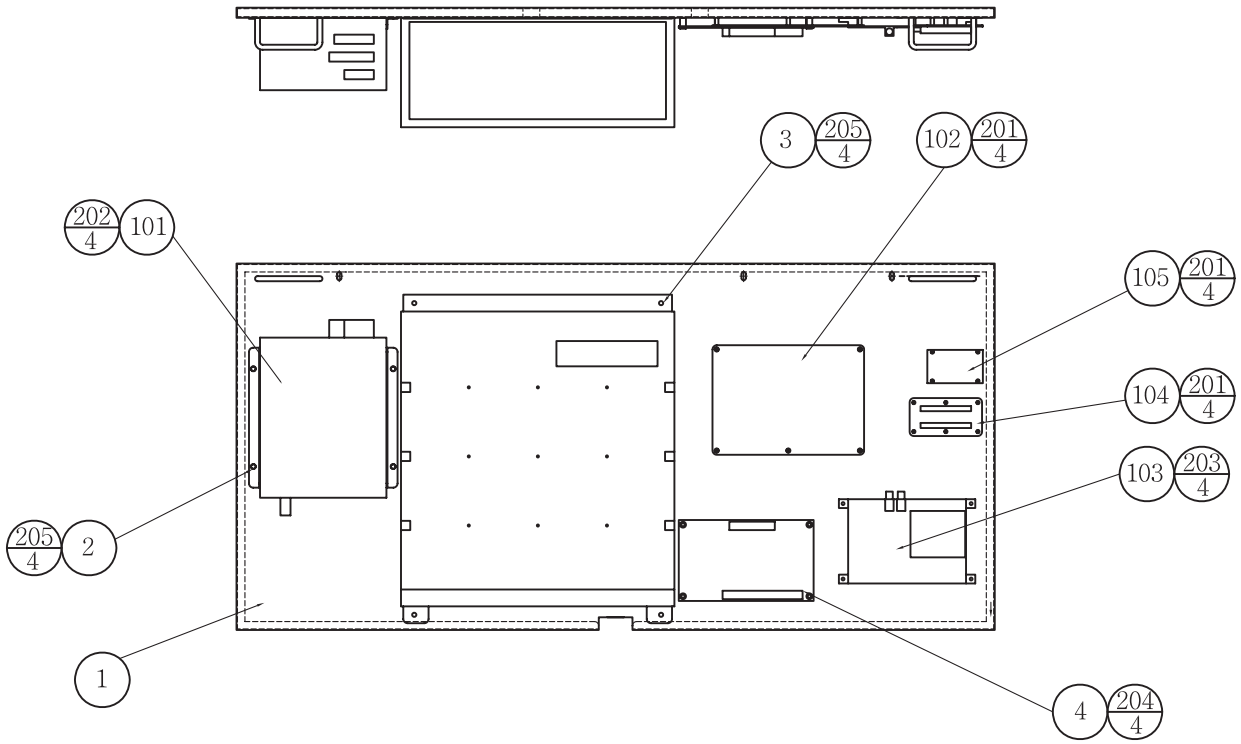
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		AC UNIT BOX	HMR-3701
2		STICKER AC UNIT	HMR-3702
3		STICKER INPUT VOLTAGE SELECT	HMR-3703
4		STICKER BMK POWER ON/OFF	HMR-3704
5		INSULATOR FOR NF	HMR-3705 <Taiwan>
6		STICKER CIRCULT BREAKER	HMR-3706 <USA>
101		DFT20A-8P [DONG-A]	EEC-10-R065P
102		ES1-T15/15A [DIT]	EMU-30-R109P
103		GMC-22 [LSIS]	EMU-27-R112P
104		DCP-DP-15A HS/UL [DAERYUK]	EMU-29-R310P <USA>
		BKM-B-2P-15A [LSIS]	EMU-29-R317P <Others>
105		CHANNEL 120MM	EEC-10-R062P
106		DFT30A-3P [DONG-A]	EEC-10-R045P
107	280-5277	CORD CLAMP	
108		CABLE TIE J-140 BLK	EEC-10-R071P
201		ROUND SEMS SCREW M4x10L	SR04-010NNW
202		ROUND SEMS SCREW M4x16L	SR04-016NNW
301		AC INPUT N LINE (120mm)	HMR-A-001
302		AC INPUT L LINE (90mm)	HMR-A-002
303		MAIN EARTH LINE (140mm)	HMR-A-003
304		AC WHITE LINE CB TO POWER SW (470mm)	HMR-A-004
305		AC BLACK LINE CB TO POWER SW (450mm)	HMR-A-005
306		AC WHITE LINE TO GMC (460mm)	HMR-A-006
307		AC BLACK LINE TO GMC (450mm)	HMR-A-007
308		AC BLACK LINE CB TO GMC (90mm)	HMR-A-008
309		AC WHITE LINE CB TO GMC (120mm)	HMR-A-009
310		AC BLACK LINE GMC TO NF1 (170mm)	HMR-A-010
311		AC WHITE LINE GMC TO NF1 (170mm)	HMR-A-011
312		AC BLACK LINE NF2 TO TB (270mm)	HMR-A-012
313		AC WHITE LINE NF2 TO TB (229mm)	HMR-A-013
314		AC BLACK&WHITE LINE TB TO MAIN TRANS(1) (240mm)	HMR-A-014
315		AC BLACK LINE NF1 TO NF2 (110mm)	HMR-A-023
316		AC WHITE LINE NF1 TO NF2 (120mm)	HMR-A-024

(39) ASSY AC IN (HMR-3800)



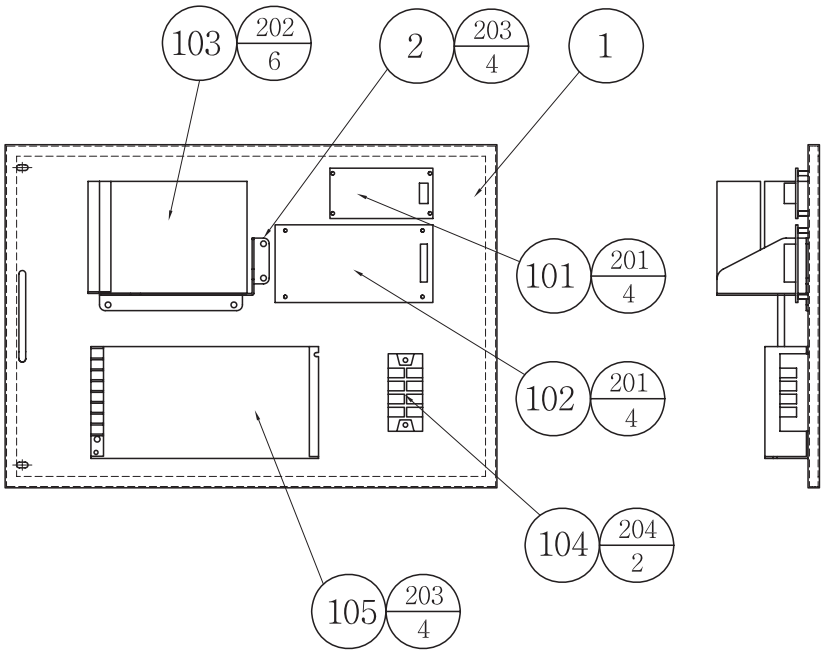
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		AC IN BOX	HMR-3801
2		CABLE GRAND COVER	HMR-3802
101		JOKW 22(PG16) [JEON-O]	EEC-10-R058P
102		KCD4-201JK [GEC]	ESU-35-R211P
201		TRUSS SCREW M4x8L	TR04-008NNB

(40) ASSY MAIN ELEC (HMR-4000)



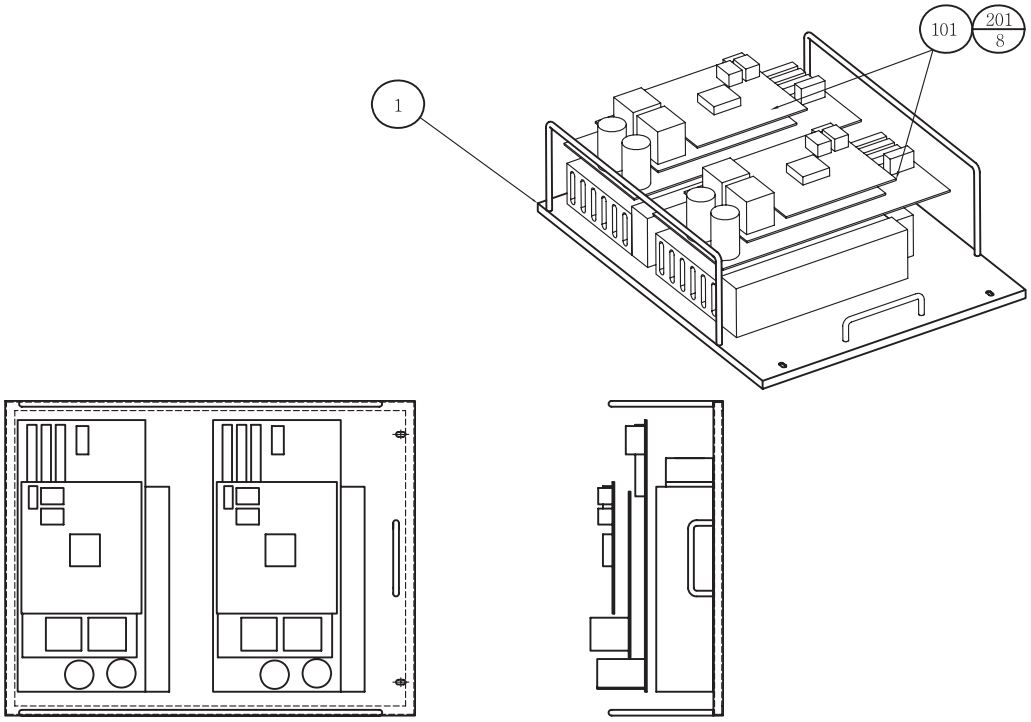
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		MAIN ELEC PLATE	HMR-4001
2		SW REGU ATX/JVS BRKT	HMR-4002
3	844-0001D-92-12	ASSY CASE LBG L 1GB 7800 EXP	<Asia, Europe>
	844-0001D-92-11	ASSY CASE LBG L 1GB 7800 USA	<USA>
4	837-14505	I/O CONTROL BD FOR JVS	
101	400-5457-92	SW REGU ATX/JVS	
102	838-14884	CONTROL BD ESU-19-R136P SIM	ESU-19-R136P
103	838-14515-A05	SOUND AMP ANALOG IN	
104		CONNECTION BD 50P	EMU-00-R632M
105		CONNECTION BD 34P	EMU-00-R633M
106	280-5277	CORD CLAMP 18	
107	MDA-F0001	FLASH MEMORY HMR	
108		CABLE TIE J-140 BLK	EEC-10-R071P
201		ROUND SEMS SCREW M3x6L	SR03-006NNW
202		ROUND SEMS SCREW M3x8L	SR03-008NNW
203		ROUND SEMS SCREW M3x12L	SR03-012NNW
204		ROUND SEMS SCREW M3x20L	SR03-020NNW
205		ROUND SEMS SCREW M4x10L	SR04-010NNW
301	600-7141-91-100	CABLE JVS TYPE A-B 100CM	
302	600-7158-0100	CA AUDIO RCA TO RCA 2CH 100CM	
303		DC 5557-24P SW REGU TO LINDBERGH (460mm)	HMR-S-001
304		DC 5557-18P SW REGU TO LINDBERGH (410mm)	HMR-S-002
305		I/O CONTROL BD, COIN CHUTE (920mm, 530mm)	HMR-S-003
306		AC110V (2) TO SCU SW REGU (480mm)	HMR-S-005
307		CAN TO MOTOR DRIVER BD1 (500mm)	HMR-S-006
308		DC5V,12V,24V(3)TO SCU (670mm,480mm,760mm,200mm)	HMR-S-007
309		RA-3411[JST] TO CONNECTION BD2 (530mm)	HMR-S-008
310		SPEAKER IN (1) FROM SOUND AMP (540mm)	HMR-S-009
311		RA-5011[JST] TO CONNECTION BD1 (900mm)	HMR-S-010
312		LINDBERGH COM2 TO MOTION CONTROL BD (380mm)	HMR-S-011
314		LINDBERGH LAN TO HUB PORT1 (1800mm)	HMR-S-012

(41) ASSY SUB ELEC (HMR-4100)



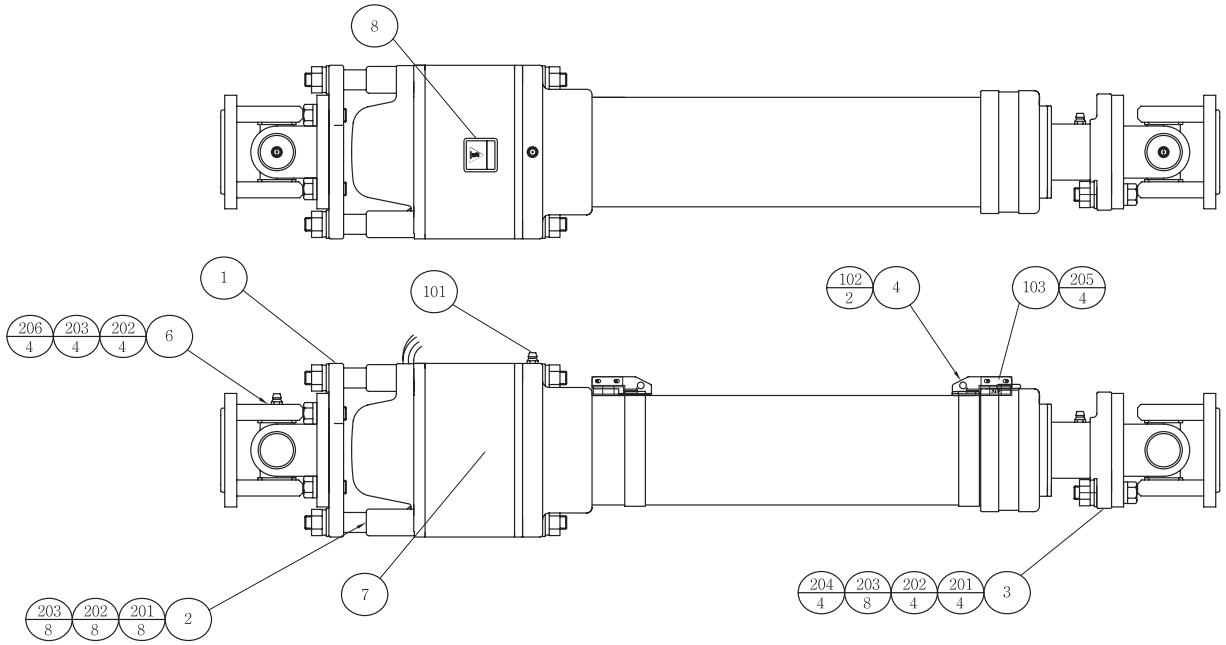
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		SUB ELEC PLATE	HMR-4101
2		SMPS BRKT	HMR-4102
101		AC 20JCBD	ESU-31-R901P
102	838-14885	JC BD EMU-00-R637M SIM	EMU-00-R637M
103	400-5479	SW REGU ESU-05-R043P SIM	ESU-05-R043P
104		DFT 20A 4P [DONG-A]	EEC-10-R064P
105	400-5480	SW REGU ESU-05-R044P SIM	ESU-05-R044P
106	280-5277	CORD CLAMP 18	
107		CABLE TIE J-140 BLK	EEC-10-R071P
201		ROUND SEMS SCREW M3x6L	SR03-006NNW
202		ROUND SEMS SCREW M3x8L	SR03-008NNW
203		ROUND SEMS SCREW M4x10L	SR04-010NNW
204		ROUND SEMS SCREW M4x16L	SR04-016NNW
301		AC100/110V(2) INPUT (560mm)	HMR-P-002
302		AC110V TO SCU SW REGU (470mm)	HMR-P-003
303		AC100V TO CABIN MOTOR DRIVER (450mm)	HMR-P-004
304		AC110V TO CABIN2 COIN CHUTE (470mm)	HMR-P-005
305		HUB DC JACK 12V (270mm)	HMR-P-007
306		DC5V ,12V, 24V (2) TO SCU (230mm, 230mm, 380mm)	HMR-P-009
307		BASE DC12V FAN 1,2(1) (460mm)	HMR-P-010
308		SMPS1 AC220V INPUT (520mm)	HMR-P-014
309		SMPS2 AC220V INPUT (520mm)	HMR-P-015
310		SMPS3 AC220V INPUT (590mm)	HMR-P-016
311		SMPS2 12V,5V (500mm)	HMR-P-017
312		DC0512 JC BD2 AC220V INPUT (100mm)	HMR-P-018
313		AC220V (1) ACU TO JC BD AC220V (650mm, 680mm)	HMR-P-019
314		AC220V (1) JC BD AC220V TO MCU (680mm)	HMR-P-021
315		AC220V (1) JC BD AC220V TO MONITOR (620mm)	HMR-P-023
316		DC12V, 5V (1) DC0512 JC BD2 TO MCU (450mm)	HMR-P-025
317		AC100V R-0 JUMPER LINE (70mm)	HMR-P-027

(42) ASSY ACTUATOR DRIVER (HMR-4200)



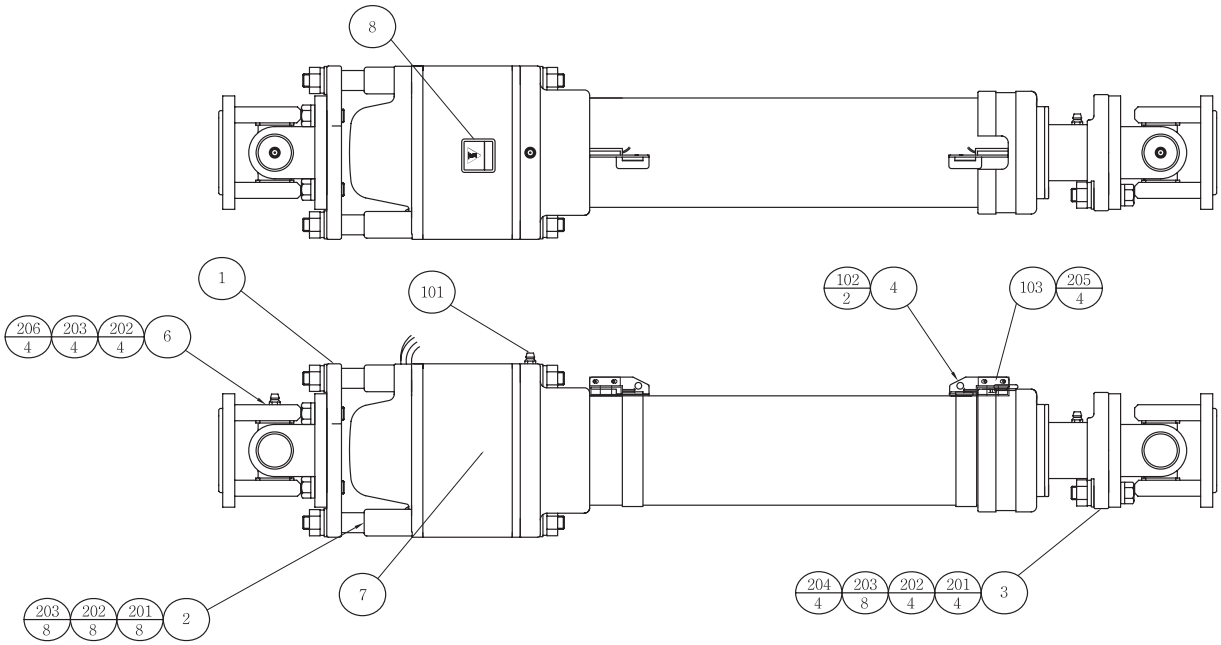
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		ACTUATOR DRIVER PLATE	HMR-4201
101	835-14886	MOTOR DRIVER EMU-01-R501MA SIM	EMU-01-R501MA
102		CABLE TIE J-140 BLK	EEC-10-R071P
103		ZCAT3035-1330 [TDK]	EEC-03-R203P
201		ROUND SEMS SCREW M4x10L	SR04-010NNW
301		AC220V INPUT MOTOR DRIVER BD1,BD2 (300mm,540mm)	HMR-M-001
302		DC5V ,12V, 24V (3) TO SCU (460mm, 640mm, 600mm)	HMR-M-002
303		CAN MOTOR DRIVER BD1 (390mm)	HMR-M-003
304		ENCODER, LIMIT MOTOR DRIVER BD1 (350mm, 310mm)	HMR-M-004
305		ENCODER, LIMIT MOTOR DRIVER BD2 (560mm, 510mm)	HMR-M-005
306		MOTOR POWER BD1,BD2 (890mm, 750mm)	HMR-M-006
307		CAN MOTOR DRIVER BD2 (560mm)	HMR-M-010
308		AC 220R LINE MOTOR DRIVER BD1 (140mm)	HMR-M-011
309		AC 220T LINE MOTOR DRIVER BD1 (150mm)	HMR-M-012
310		E-BRAKE MOTOR DRIVER BD1 (140mm)	HMR-M-013
311		FAN1, FAN2 12V MOTOR DRIVER BD1 (240mm, 210mm)	HMR-M-014
312		AC 220R LINE MOTOR DRIVER BD2 (140mm)	HMR-M-015
313		AC 220T LINE MOTOR DRIVER BD2 (150mm)	HMR-M-016
314		E-BRAKE MOTOR DRIVER BD2 (140mm)	HMR-M-017
315		FAN 12V MOTOR DRIVER BD2 (240mm, 210mm)	HMR-M-018
316		BR LINE MOTOR DRIVER BD1 (130mm)	HMR-M-022
317		BR LINE MOTOR DRIVER BD2 (130mm)	HMR-M-023

㊸ ASSY ACTUATOR-L (HMR-1500-01)



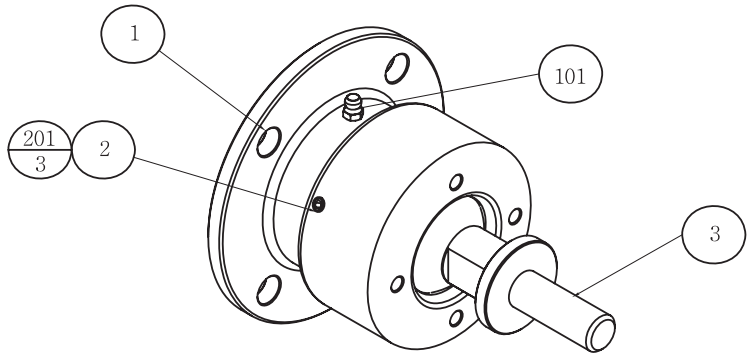
ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BASE PLATE	AD180-120-0001
2		POST	AD180-120-0002
3		JOINT FLANGE	AD180-120-0021
4		REED SW BRACKET	AD180-120-0022
6		A/T JOINT (100x100)	MMB-00-001M
7		AC SERVO MOTOR(APM-SE12ASW-SL) [METRONIX]	AD180-120-0101
8	HMR-1501-EG	STICKER HOT SURFACE-ENG	HMR-1501-EG <USA>
	HMR-1501-CE	STICKER HOT SURFACE-CE	HMR-1501-CE <Others>
101		GREASE NIPPLE M6	MAT-00-101P
102		SUS BAND(4")	ATH230-23-028P
103		REED SW (STR-31)[STECHIC]	EAS-35-R505P
201		HEX NUT M10	N-HN10HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT M10x40L	HB10-040HNB
205		SEMS SCREW M3x8L	SR03-008NSW
206		HEX BOLT M10x25L	HB10-025HNB
301		MOTOR1 LIMIT BLS, TLS(1070mm, 1240mm)	HMR-M-020

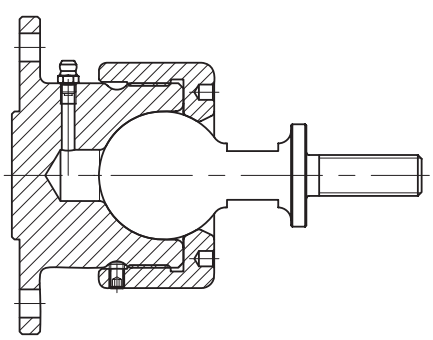
(44) ASSY ACTUATOR-R (HMR-1500-02)

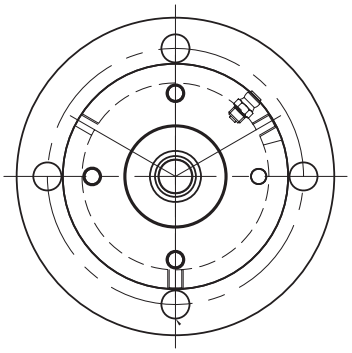


ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BASE PLATE	AD180-120-0001
2		POST	AD180-120-0002
3		JOINT FLANGE	AD180-120-0021
4		REED SW BRACKET	AD180-120-0022
6		A/T JOINT (100x100)	MMB-00-001M
7		AC SERVO MOTOR(APM-SE12ASW-SL) [METRONIX]	AD180-120-0101
8	HMR-1501-EG	STICKER HOT SURFACE-ENG	HMR-1501-EG <USA>
	HMR-1501-CE	STICKER HOT SURFACE-CE	HMR-1501-CE <Others>
101		GREASE NIPPLE M6	MAT-00-101P
102		SUS BAND(4")	ATH230-23-028P
103		REED SW (STR-31)[STECHIC]	EAS-35-R505P
201		HEX NUT M10	N-HN10HNB
202		SPRING WASHER M10	W-SP10HNB
203		FLAT WASHER M10	W-FL10HNB
204		HEX BOLT M10x40L	HB10-040HNB
205		SEMS SCREW M3x8L	SR03-008NSW
206		HEX BOLT M10x25L	HB10-025HNB
301		MOTOR2 LIMIT BLS, TLS(1070mm, 1240mm)	HMR-M-021

㊺ ASSY BALL JOINT (HMR-1600)



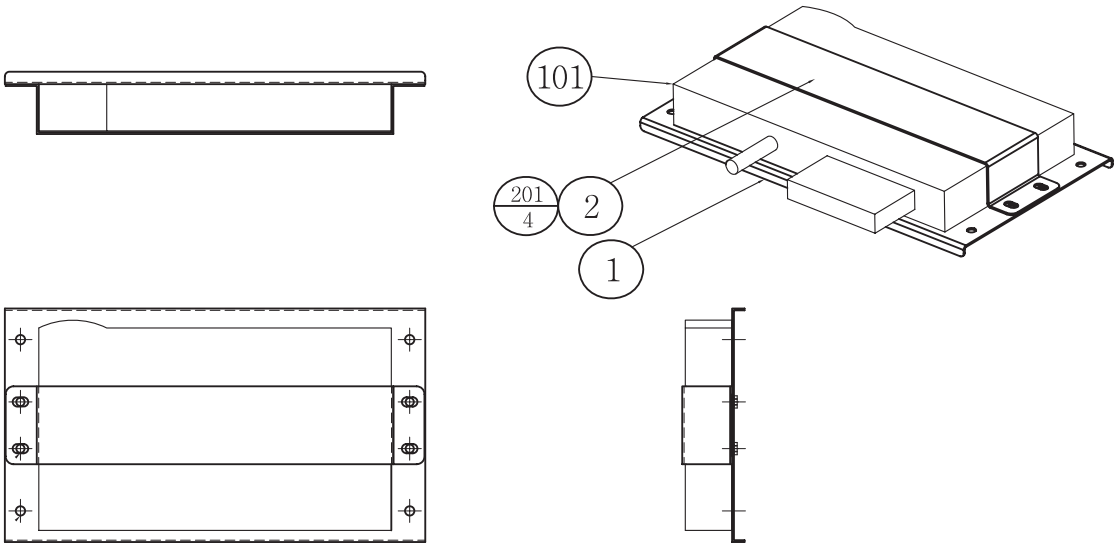




ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		BALL JOINT HOUSING	HMR-1601
2		BALL JOINT CAP	HMR-1602
3		BALL JOINT SHAFT	HMR-1603
101		GREASE NIPPLE	MAT-00-101P
201		SET SCREW M6x10L	ST06-010HNP

2 HMR OPTIONS

① HMR HUB KIT (XKT-1731)



ITEM NO.	PART NO.	DESCRIPTION	NOTE
1		HUB SUB PLATE	HMR-4401
2		HUB FIX BRACKET	HMR-4402
101	601-12353	SW HUB ESU-05-R048P SIM	ESU-05-R048P
201		ROUND SEMS SCREW M4x8L [LARGE]	SR04-008NNB
202		HEX NUT M5	N-05NNB
203		FLAT WASHER M5 [LARGE]	W-FL05NNB
204		SPRING WASHER M5	W-SP05NNB
205		VIBROISOLATION BOLT M5x14L	VB0514-1514
301	HMR-0028	LAN CABLE 450MM	HMR-S-013

3 WIRE COLOR CODE TABLE

⚠ WARNING

The DC power wire color for this product is different from previous SEGA titles. Working from the previous wire colors will create a high risk of fire.

The color codes for the wires used in the diagrams in the following chapter are as follows.

CODE	WIRE COLOR
10	RED
20	BLUE
30	YELLOW
40	GREEN
50	WHITE
70	ORANGE
80	BLACK
90	GRAY
A	PINK
B	SKY BLUE
C	BROWN
D	PURPLE
E	LIGHT GREEN

If the right-hand side numeral of the code is 0, then the wire will be of a single color shown by the left-hand side numeral (see the above).

Note 1: If the right-hand side numeral is not 0, that particular wire has a spiral color code.
The left-hand side character shows the base color and the right-hand side one, the spiral color.

<Example> 51……WHITE/RED

Note 2: The character following the wire color code indicates the size of the wire.

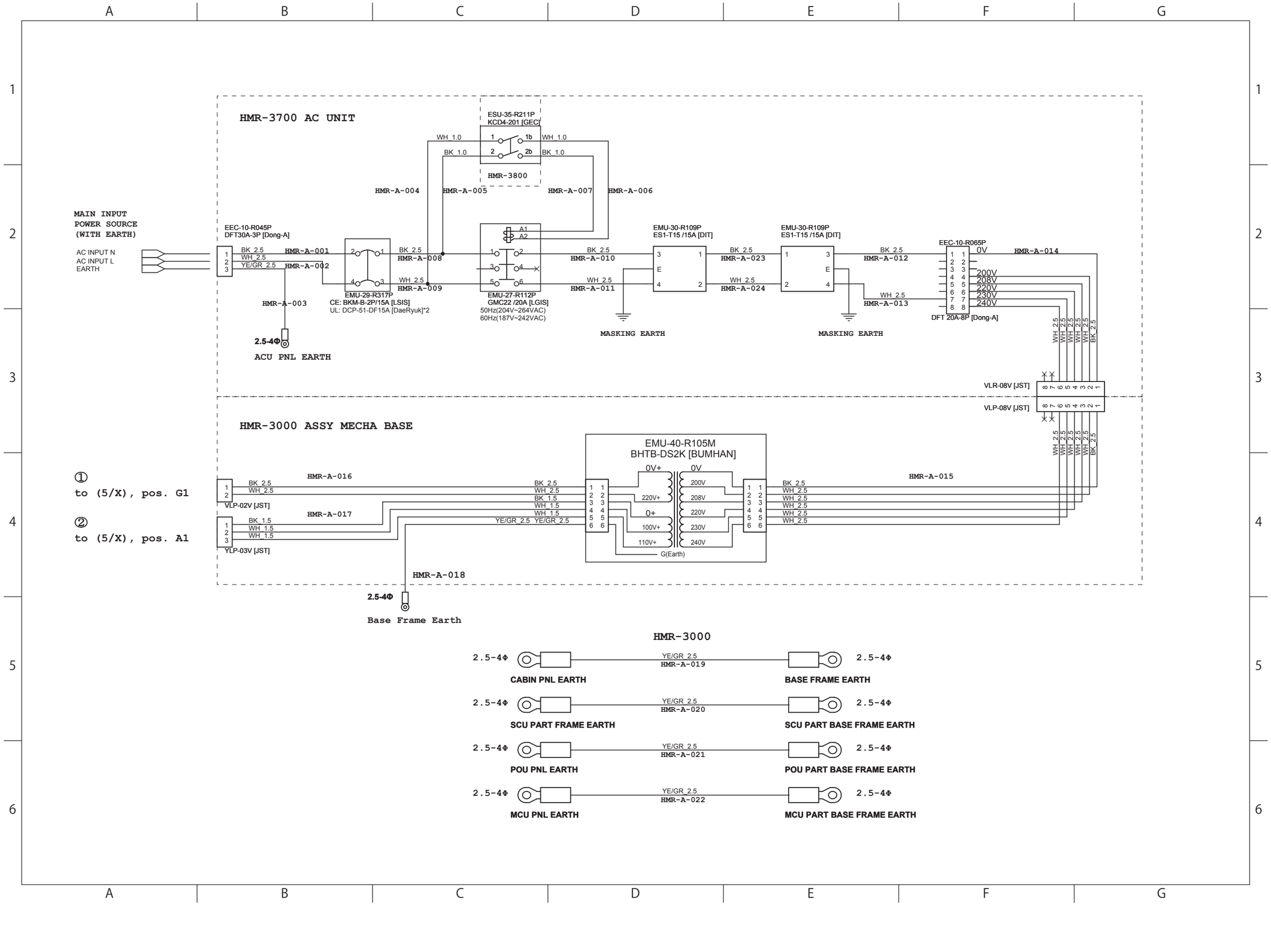
U:	AWG16
K:	AWG18
L:	AWG20
None:	AWG22

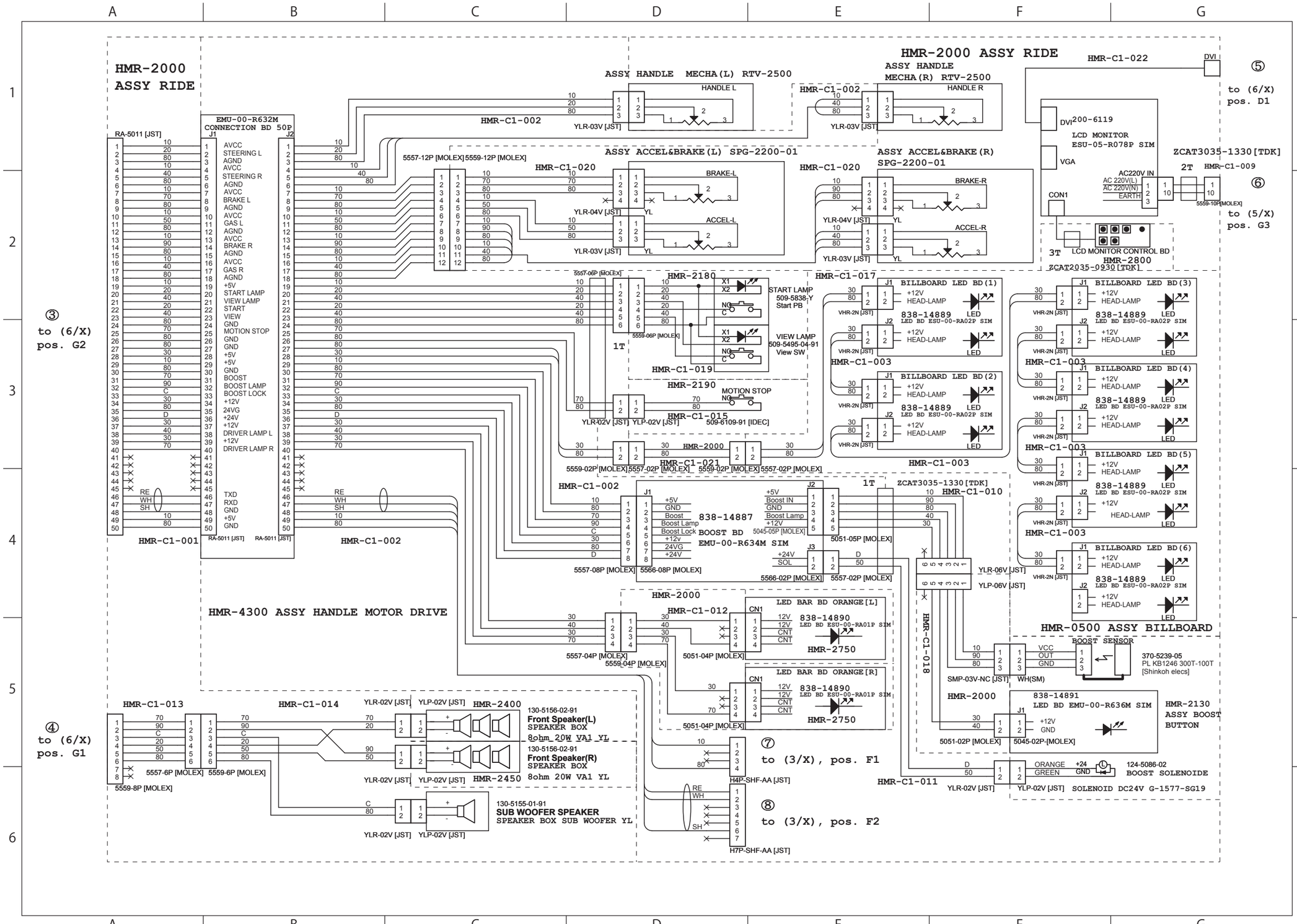
4 WIRING DIAGRAM

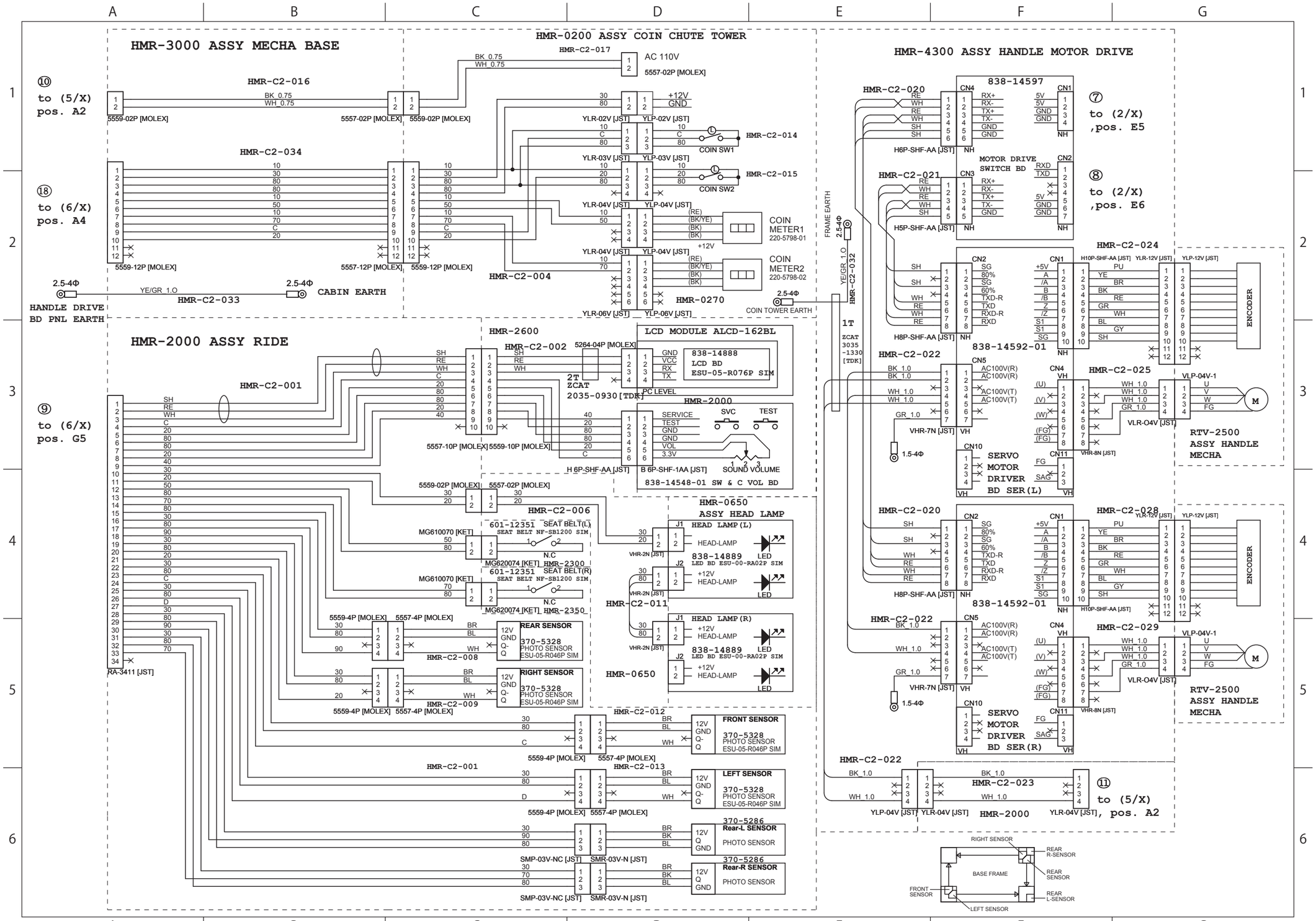
[For Europe Only]

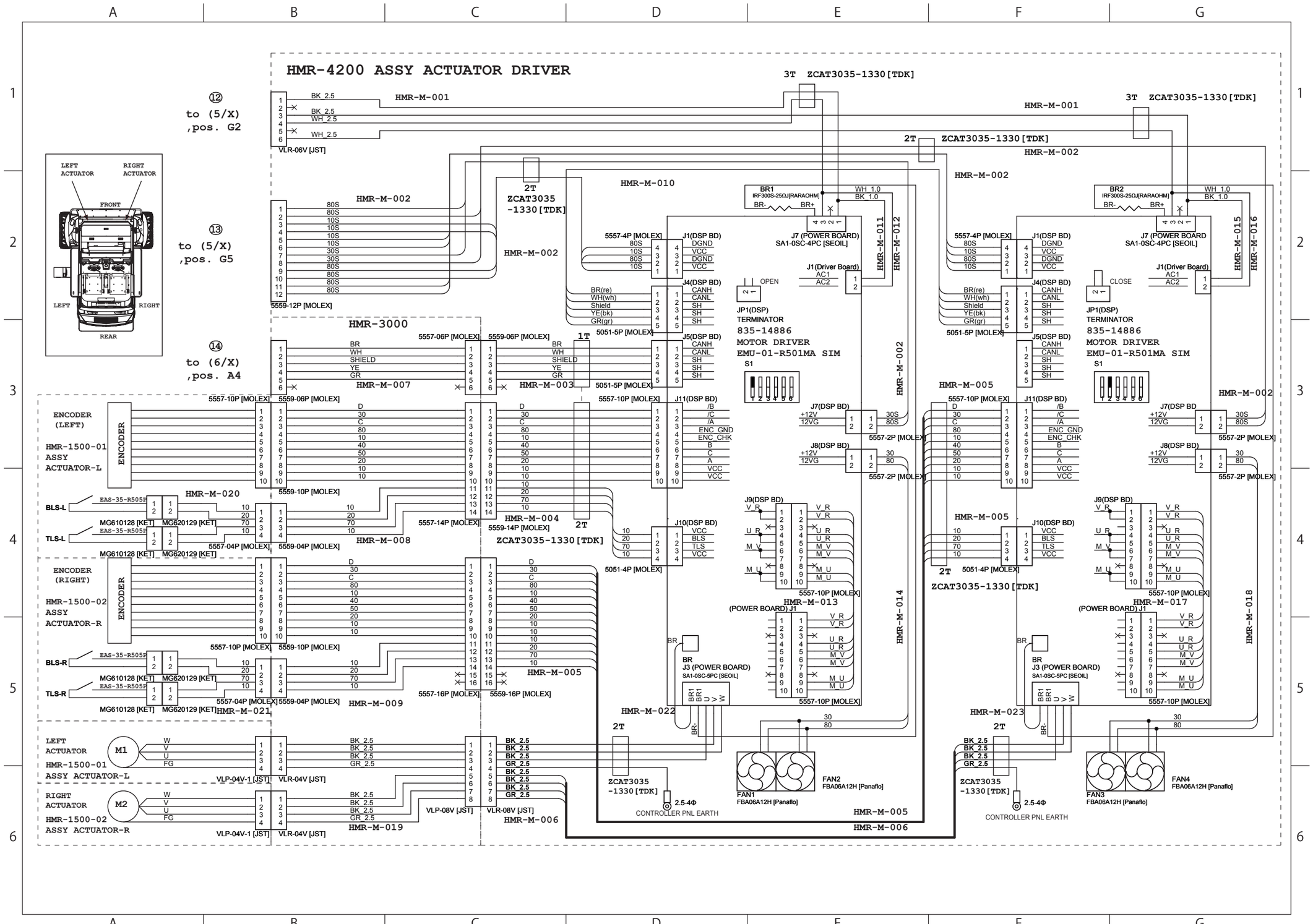
This manual does not include the circuit diagram in order to prevent hazards that might arise while the Serviceman is performing work based on his own discretion. Part replacement of the unit (IC Board, Projector, Switch Regulator, etc.) which does not have the circuit diagram can cause shock hazard and parts damage.
Should it be necessary to replace parts for the unit, which does not have the circuit diagram, contact where you purchased the product from for inquiries regarding this matter. Be sure to understand that depending on the specific units and parts, inquiries and placing orders for the specific parts may be unacceptable.

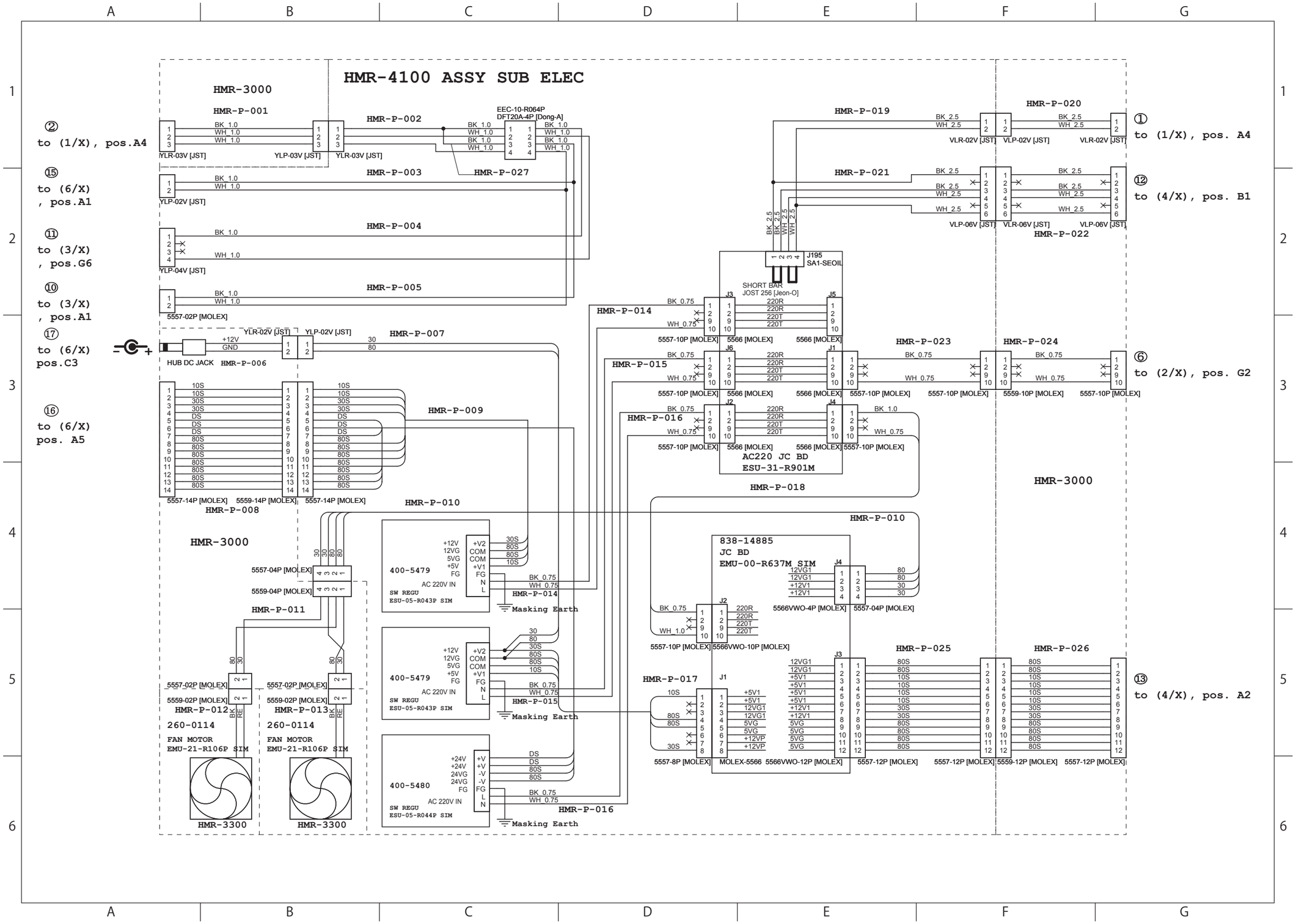
(D-1/6)

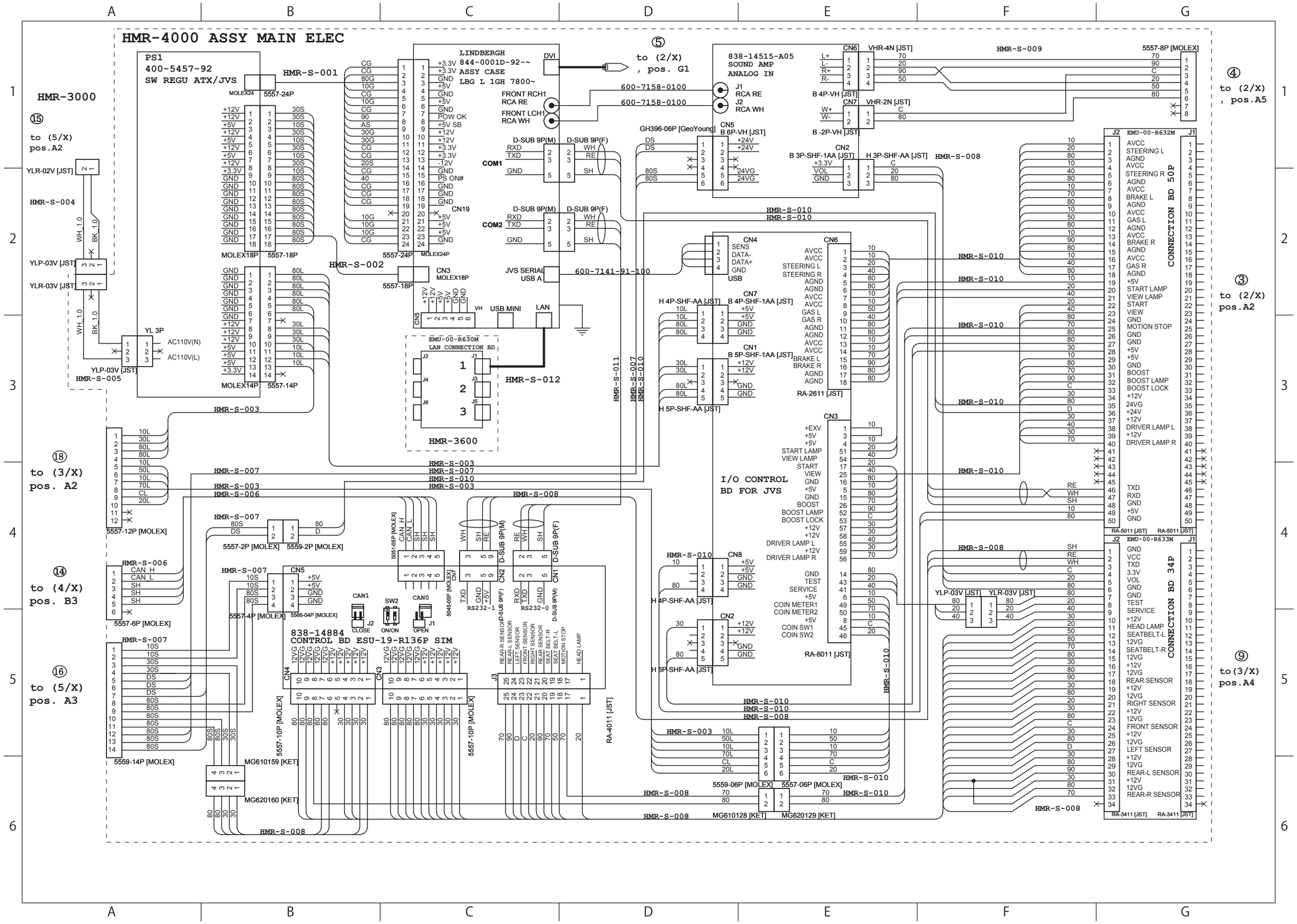

HMR-3700 AC UNIT
ESU-35-R211P
KCD4-201 [GEC]
HMR-3800
WH_1.0
BK_1.0
HMR-A-004
HMR-A-005
HMR-A-007
HMR-A-006
MAIN INPUT
POWER SOURCE
(WITH EARTH)
AC INPUT N
AC INPUT L
EARTH
EEC-10-R045P
DFT30A-3P [Dong-A]
BK_2.5
WH_2.5
YE/GR_2.5
HMR-A-001
HMR-A-002
HMR-A-003
2.5-4Φ
ACU PNL EARTH
EMU-29-R317P
CE: BKM-B-2P/15A [LSIS]
UL: DCP-51-DF15A [DaeRyuk]*2
HMR-A-008
HMR-A-009
EMU-27-R112P
GMC22 /20A [LGIS]
50Hz(204V~264VAC)
60Hz(187V~242VAC)
HMR-A-010
HMR-A-011
MASKING EARTH
EMU-30-R109P
ES1-T15 /15A [DIT]
HMR-A-023
HMR-A-024
HMR-A-012
HMR-A-013
EEC-10-R065P
DFT 20A-8P [Dong-A]
0V
200V
208V
220V
230V
240V
HMR-A-014
VLR-08V [JST]
VLP-08V [JST]
HMR-3000 ASSY MECHA BASE
EMU-40-R105M
BHTB-DS2K [BUMHAN]
0V+
0V
220V+
0+
100V+
110V+
G(Earth)
HMR-A-016
HMR-A-017
VLP-02V [JST]
VLP-03V [JST]
HMR-A-015
HMR-A-018
2.5-4Φ
Base Frame Earth
① to (5/X), pos. G1
② to (5/X), pos. A1
HMR-3000
YE/GR_2.5
HMR-A-019
CABIN PNL EARTH
BASE FRAME EARTH
HMR-A-020
SCU PART FRAME EARTH
SCU PART BASE FRAME EARTH
HMR-A-021
POU PNL EARTH
POU PART BASE FRAME EARTH
HMR-A-022
MCU PNL EARTH
MCU PART BASE FRAME EARTH


HMR-2000
ASSY RIDE
HMR-2000 ASSY RIDE
EMU-00-R632M
CONNECTION BD 50P
RA-5011 [JST]
AVCC
STEERING L
AGND
AVCC
STEERING R
AGND
AVCC
BRAKE L
AGND
AVCC
GAS L
AGND
AVCC
BRAKE R
AGND
AVCC
GAS R
AGND
+5V
START LAMP
VIEW LAMP
START
VIEW
GND
MOTION STOP
GND
GND
+5V
+5V
GND
BOOST
BOOST LAMP
BOOST LOCK
+12V
24VG
+24V
+12V
DRIVER LAMP L
+12V
DRIVER LAMP R
TXD
RXD
GND
+5V
GND
RE
WH
SH
HMR-C1-001
HMR-C1-002
ASSY HANDLE MECHA(L) RTV-2500
HANDLE L
YLR-03V [JST]
ASSY HANDLE MECHA(R) RTV-2500
HANDLE R
ASSY ACCEL&BRAKE(L) SPG-2200-01
5557-12P [MOLEX]5559-12P [MOLEX]
HMR-C1-020
BRAKE-L
YLR-04V [JST]
YL
ACCEL-L
ASSY ACCEL&BRAKE(R) SPG-2200-01
BRAKE-R
ACCEL-R
HMR-C1-022
DVI
DVI200-6119
LCD MONITOR
ESU-05-R078P SIM
VGA
AC220V IN
AC 220V(L)
AC 220V(N)
EARTH
ZCAT3035-1330[TDK]
2T
HMR-C1-009
5559-10P[MOLEX]
CON1
3T
LCD MONITOR CONTROL BD
HMR-2800
ZCAT2035-0930[TDK]
⑤
to (6/X)
pos. D1
⑥
to (5/X)
pos. G3
③
to (6/X)
pos. G2
5557-06P [MOLEX]
HMR-2180
1T
5559-06P [MOLEX]
START LAMP
509-5838-Y
Start PB
VIEW LAMP
509-5495-04-91
View SW
HMR-C1-019
HMR-2190
MOTION STOP
HMR-C1-015
509-6109-91 [IDEC]
YLR-02V [JST] YLP-02V [JST]
HMR-2000
HMR-C1-021
5559-02P [MOLEX]5557-02P [MOLEX]
HMR-C1-017
BILLBOARD LED BD(1)
BILLBOARD LED BD(2)
BILLBOARD LED BD(3)
BILLBOARD LED BD(4)
BILLBOARD LED BD(5)
BILLBOARD LED BD(6)
+12V
HEAD-LAMP
VHR-2N [JST]
838-14889
LED BD ESU-00-RA02P SIM
LED
HMR-C1-003
HMR-C1-002
838-14887
BOOST BD
EMU-00-R634M SIM
5557-08P [MOLEX]
5566-08P [MOLEX]
5045-05P [MOLEX]
5051-05P [MOLEX]
ZCAT3035-1330[TDK]
HMR-C1-010
HMR-C1-018
YLR-06V [JST]
YLP-06V [JST]
HMR-C1-011
HMR-0500 ASSY BILLBOARD
BOOST SENSOR
370-5239-05
PL KB1246 300T-100T
[Shinkoh elecs]
SMP-03V-NC [JST]
WH(SM)
HMR-2000
838-14891
LED BD EMU-00-R636M SIM
HMR-2130
ASSY BOOST
BUTTON
5051-02P [MOLEX]
5045-02P-[MOLEX]
124-5086-02
BOOST SOLENOIDE
YLP-02V [JST] SOLENOID DC24V G-1577-SG19
HMR-4300 ASSY HANDLE MOTOR DRIVE
HMR-2000
HMR-C1-012
LED BAR BD ORANGE[L]
LED BAR BD ORANGE[R]
838-14890
LED BD ESU-00-RA01P SIM
HMR-2750
5557-04P [MOLEX]
5559-04P [MOLEX]
5051-04P [MOLEX]
HMR-C1-013
HMR-C1-014
5557-6P [MOLEX]
5559-6P [MOLEX]
5559-8P [MOLEX]
HMR-2400
HMR-2450
130-5156-02-91
Front Speaker(L)
SPEAKER BOX
8ohm 20W VA1 YL
Front Speaker(R)
130-5155-01-91
SUB WOOFER SPEAKER
SPEAKER BOX SUB WOOFER YL
④
to (6/X)
pos. G1
⑦
to (3/X), pos. F1
⑧
to (3/X), pos. F2
H4P-SHF-AA [JST]
H7P-SHF-AA [JST]


HMR-3000 ASSY MECHA BASE
HMR-0200 ASSY COIN CHUTE TOWER
HMR-4300 ASSY HANDLE MOTOR DRIVE
HMR-2000 ASSY RIDE
⑩ to (5/X) pos. A2
⑱ to (6/X) pos. A4
⑨ to (6/X) pos. G5
⑦ to (2/X) ,pos. E5
⑧ to (2/X) ,pos. E6
⑪ to (5/X) , pos. A2
HMR-C2-016
HMR-C2-017
HMR-C2-034
HMR-C2-004
HMR-C2-014
HMR-C2-015
HMR-C2-033
HMR-0270
HMR-C2-020
HMR-C2-021
HMR-C2-022
HMR-C2-023
HMR-C2-024
HMR-C2-025
HMR-C2-028
HMR-C2-029
HMR-C2-032
HMR-C2-001
HMR-C2-002
HMR-C2-006
HMR-C2-008
HMR-C2-009
HMR-C2-011
HMR-C2-012
HMR-C2-013
HMR-0650
HMR-2600
HMR-2000
HMR-2300
HMR-2350
838-14597
838-14592-01
838-14888
838-14548-01
LCD MODULE ALCD-162BL
LCD BD ESU-05-R076P SIM
SERVO MOTOR DRIVE BD SER(L)
SERVO MOTOR DRIVE BD SER(R)
MOTOR DRIVE SWITCH BD
ENCODER
RTV-2500 ASSY HANDLE MECHA
COIN METER1 220-5798-01
COIN METER2 220-5798-02
COIN SW1
COIN SW2
HANDLE DRIVE BD PNL EARTH
CABIN EARTH
COIN TOWER EARTH
FRAME EARTH
AC 110V
+12V
GND
SOUND VOLUME
REAR SENSOR
RIGHT SENSOR
FRONT SENSOR
LEFT SENSOR
Rear-L SENSOR
Rear-R SENSOR
370-5328
370-5286
HEAD LAMP(L)
HEAD LAMP(R)
HEAD-LAMP
SEAT BELT(L)
SEAT BELT(R)
SEAT BELT NF-SB1200 SIM
LED BD ESU-00-RA02P SIM
PC LEVEL
SVC
TEST
BASE FRAME
REAR R-SENSOR
REAR SENSOR
REAR L-SENSOR


HMR-4200 ASSY ACTUATOR DRIVER
⑫ to (5/X) ,pos. G2
⑬ to (5/X) ,pos. G5
⑭ to (6/X) ,pos. A4
LEFT ACTUATOR
RIGHT ACTUATOR
FRONT
LEFT
RIGHT
REAR
HMR-M-001
HMR-M-002
HMR-M-003
HMR-M-004
HMR-M-005
HMR-M-006
HMR-M-007
HMR-M-008
HMR-M-009
HMR-M-010
HMR-M-011
HMR-M-012
HMR-M-013
HMR-M-014
HMR-M-015
HMR-M-016
HMR-M-017
HMR-M-018
HMR-M-019
HMR-M-020
HMR-M-021
HMR-M-022
HMR-M-023
VLR-06V [JST]
5559-12P [MOLEX]
3T ZCAT3035-1330[TDK]
2T ZCAT3035-1330[TDK]
BR1 IRF300S-25Ω[RARAOHM]
BR2 IRF300S-25Ω[RARAOHM]
J7 (POWER BOARD) SA1-0SC-4PC [SEOIL]
5557-4P [MOLEX]
J1(DSP BD)
J4(DSP BD)
5051-5P [MOLEX]
J1(Driver Board)
OPEN
CLOSE
JP1(DSP) TERMINATOR
835-14886
MOTOR DRIVER
EMU-01-R501MA SIM
S1
HMR-3000
5557-06P [MOLEX]
5559-06P [MOLEX]
1T
J5(DSP BD)
5557-10P [MOLEX]
J11(DSP BD)
J7(DSP BD)
J8(DSP BD)
5557-2P [MOLEX]
ENCODER (LEFT)
HMR-1500-01 ASSY ACTUATOR-L
ENCODER (RIGHT)
HMR-1500-02 ASSY ACTUATOR-R
5559-10P [MOLEX]
EAS-35-R505B
BLS-L
TLS-L
BLS-R
TLS-R
MG610128 [KET]
MG620129 [KET]
5557-04P [MOLEX]
5559-04P [MOLEX]
5557-14P [MOLEX]
5559-14P [MOLEX]
5557-16P [MOLEX]
5559-16P [MOLEX]
ZCAT3035-1330[TDK]
J10(DSP BD)
5051-4P [MOLEX]
J9(DSP BD)
(POWER BOARD) J1
J3 (POWER BOARD) SA1-0SC-5PC [SEOIL]
LEFT ACTUATOR HMR-1500-01 ASSY ACTUATOR-L
RIGHT ACTUATOR HMR-1500-02 ASSY ACTUATOR-R
M1
M2
VLP-04V-1 [JST]
VLR-04V [JST]
VLP-08V [JST]
VLR-08V [JST]
CONTROLLER PNL EARTH
2.5-4Φ
FAN1 FBA06A12H [Panaflo]
FAN2 FBA06A12H [Panaflo]
FAN3 FBA06A12H [Panaflo]
FAN4 FBA06A12H [Panaflo]


HMR-4100 ASSY SUB ELEC
HMR-3000
HMR-P-001
HMR-P-002
HMR-P-003
HMR-P-004
HMR-P-005
HMR-P-007
HMR-P-009
HMR-P-010
HMR-P-011
HMR-P-012
HMR-P-013
HMR-P-014
HMR-P-015
HMR-P-016
HMR-P-017
HMR-P-018
HMR-P-019
HMR-P-020
HMR-P-021
HMR-P-022
HMR-P-023
HMR-P-024
HMR-P-025
HMR-P-026
HMR-P-027
HMR-P-006
HMR-P-008
② to (1/X), pos.A4
⑮ to (6/X), pos.A1
⑪ to (3/X), pos.G6
⑩ to (3/X), pos.A1
⑰ to (6/X) pos.C3
⑯ to (6/X) pos. A5
① to (1/X), pos. A4
⑫ to (4/X), pos. B1
⑥ to (2/X), pos. G2
⑬ to (4/X), pos. A2
EEC-10-R064P
DFT20A-4P [Dong-A]
YLR-03V [JST]
YLP-03V [JST]
YLP-02V [JST]
YLP-04V [JST]
5557-02P [MOLEX]
HUB DC JACK
5557-14P [MOLEX]
5559-14P [MOLEX]
400-5479
AC 220V IN
SW REGU
ESU-05-R043P SIM
400-5480
ESU-05-R044P SIM
5557-04P [MOLEX]
5559-04P [MOLEX]
260-0114
FAN MOTOR
EMU-21-R106P SIM
HMR-3300
Masking Earth
VLR-02V [JST]
VLP-02V [JST]
VLP-06V [JST]
VLR-06V [JST]
J195
SA1-SEOIL
SHORT BAR
JOST 256 [Jeon-O]
5557-10P [MOLEX]
5566 [MOLEX]
5559-10P [MOLEX]
AC220 JC BD
ESU-31-R901M
838-14885
JC BD
EMU-00-R637M SIM
5566VWO-4P [MOLEX]
5566VWO-10P [MOLEX]
5557-8P [MOLEX]
MOLEX-5566 5566VWO-12P [MOLEX]
5557-12P [MOLEX]
5559-12P [MOLEX]


HMR-4000 ASSY MAIN ELEC
HMR-3000
PS1
400-5457-92
SW REGU ATX/JVS
HMR-S-001
LINDBERGH
844-0001D-92-~
ASSY CASE
LBG L 1GH 7800~
DVI
⑤
to (2/X)
, pos. G1
838-14515-A05
SOUND AMP
ANALOG IN
FRONT RCH1
RCA RE
FRONT LCH1
RCA WH
600-7158-0100
600-7158-0100
J1
RCA RE
J2
RCA WH
CN6
VHR-4N [JST]
HMR-S-009
5557-8P [MOLEX]
B 4P-VH [JST]
CN7
VHR-2N [JST]
B -2P-VH [JST]
④
to (2/X)
, pos.A5
GH396-06P [GeoYoung]
CN5
B 6P-VH [JST]
CN2
B 3P-SHF-1AA [JST]
H 3P-SHF-AA [JST]
HMR-S-008
D-SUB 9P(M)
D-SUB 9P(F)
COM1
COM2
JVS SERIAL
USB A
600-7141-91-100
CN19
CN3
MOLEX18P
5557-18P
MOLEX24P
5557-24P
HMR-S-002
USB MINI
LAN
VH
CN4
SENS
DATA-
DATA+
GND
USB
CN7
B 4P-SHF-1AA [JST]
H 4P-SHF-AA [JST]
CN1
B 5P-SHF-1AA [JST]
H 5P-SHF-AA [JST]
RA-2611 [JST]
HMR-S-010
HMR-S-011
HMR-S-007
HMR-S-010
CONNECTION BD 50P
EMU-00-R632M
J2
J1
AVCC
STEERING L
AGND
AVCC
STEERING R
AGND
AVCC
BRAKE L
AGND
AVCC
GAS L
AGND
AVCC
BRAKE R
AGND
AVCC
GAS R
AGND
+5V
START LAMP
VIEW LAMP
START
VIEW
GND
MOTION STOP
GND
GND
+5V
+5V
GND
BOOST
BOOST LAMP
BOOST LOCK
+12V
24VG
+24V
+12V
DRIVER LAMP L
+12V
DRIVER LAMP R
③
to (2/X)
pos.A2
EMU-00-R630M
LAN CONNECTION BD
HMR-3600
HMR-S-012
YLR-02V [JST]
HMR-S-004
YLP-03V [JST]
YLR-03V [JST]
YL 3P
AC110V(N)
AC110V(L)
YLP-03V [JST]
HMR-S-005
HMR-S-003
⑮
to (5/X)
pos.A2
⑱
to (3/X)
pos. A2
⑭
to (4/X)
pos. B3
⑯
to (5/X)
pos. A3
⑨
to(3/X)
pos.A4
5557-12P [MOLEX]
5557-2P [MOLEX]
5559-2P [MOLEX]
5557-6P [MOLEX]
5557-4P [MOLEX]
5566-04P [MOLEX]
5559-14P [MOLEX]
MG610159 [KET]
MG620160 [KET]
5557-10P [MOLEX]
5051-05P [MOLEX]
5045-06P [MOLEX]
CAN1
CAN0
SW2
CLOSE
ON/ON
OPEN
J2
J1
838-14884
CONTROL BD ESU-19-R136P SIM
REAR-R SENSOR
REAR-L SENSOR
LEFT SENSOR
FRONT SENSOR
RIGHT SENSOR
REAR SENSOR
SEAT BELT-R
SEAT BELT-L
MOTION STOP
HEAD LAMP
RS232-1
RS232-0
RA-4011 [JST]
I/O CONTROL
BD FOR JVS
RA-6011 [JST]
CN3
CN8
CN2
5559-06P [MOLEX]
5557-06P [MOLEX]
MG610128 [KET]
MG620129 [KET]
HMR-S-003
HMR-S-006
HMR-S-007
HMR-S-008
HMR-S-010
YLP-03V [JST]
YLR-03V [JST]
CONNECTION BD 34P
EMU-00-R633M
RA-5011 [JST]
RA-3411 [JST]

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